

CLIMATOLOGICAL DATA FOR JUNE, 1911.

DISTRICT NO. 3, OHIO VALLEY.

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GENERAL SUMMARY.

The weather conditions that prevailed during June, 1911, in the Ohio Valley can be characterized as remarkably warm and unusually dry, except in the northeastern portion of the district. In the western portions of New York, Pennsylvania, and Maryland, comprised in the Ohio Valley, the temperature was not so high and precipitation was rather abundant and fairly well distributed, and the month in those sections is classed as rather pleasant and favorable.

While the month was unusually warm at times in all of the district except those sections mentioned, generally speaking the average temperature for the month did not depart far from the normal, the greatest departure at any of the stations not exceeding $+4^{\circ}$ or $+5^{\circ}$, while the average over large areas ranged only from about $+1.5^{\circ}$ to about $+3.5^{\circ}$. The first 10 to 12 days of the month were exceedingly warm, and some of the highest temperatures ever recorded in June in the Ohio Valley States were registered. The temperatures were excessively high on the 4th and 10th. On the 4th the heat was most intense over the more southerly portions of the district and on the 10th over the more northerly portions, but on each of those days temperatures of 100° and over were registered at many stations in both divisions. During the last half of the month temperatures were more seasonable, although on several days maximum temperatures were quite high. The only cool wave during the month occurred near the middle, or from about the 13th to the 16th.

Precipitation was below normal in all the States except Pennsylvania and New York. The departure from the normal, however, was not great, being in many of the sections less than 1 inch. The distribution of precipitation was decidedly variable, being ample over large areas and quite deficient over equally large areas in the same States. There were 3 distinct general rain periods, one in each of the decades, with an additional one in the second decade in the northeastern section. Excessive 24-hour rainfalls occurred on several dates in a few of the States. Despite the fact that the monthly rainfalls were deficient, thunderstorms were of frequent occurrence and there were many instances of damage by thunderstorms and many cases of death by lightning. Prostrations and death from heat were also unusually numerous.

The month, taking the district as a whole, may be considered hot and dry and vegetation suffered greatly, many crops being greatly curtailed and several badly injured by the intense heat and from lack of moisture. The records, however, do not show that the month was as severe, comparatively speaking, as the condition of vegetation and the general suffering would lead one to believe. The droughty conditions and damaging effects

in general were due more to the long dry spell and unusually warm weather that prevailed throughout nearly the whole of May. Had May been anything like a normal month, the past month of June, with the amount of moisture that fell and its distribution and the temperature taken as a whole, it is believed would not have been damaging to any large extent.

TEMPERATURE.

The average temperature of the month was above normal at all stations in the district except at a few in south central Ohio, where it was from 1° to 2° below normal, and at a few scattered stations in other portions of the district where it was just normal. The excess in average temperature was greatest, as a rule, in Indiana, Illinois, and the western portions of Kentucky and Tennessee, the amounts in these sections ranging generally from $+3^{\circ}$ to $+5^{\circ}$. At several stations in other sections of the district, however, the excess was as much as $+3^{\circ}$ and $+4^{\circ}$, although mostly it was 2° or less. Unusually high temperatures were registered on several dates. At many stations in Ohio, western North Carolina, Tennessee, Kentucky, Indiana, and Illinois the records of high temperature for June were broken. Maximum temperatures of 100° and over were registered in all the States or parts of States in the district, except New York, Pennsylvania, Maryland, North Carolina, and Virginia. At stations south of the Ohio River the highest temperatures of the month were registered on the 4th. In Georgia, Alabama, Tennessee, and Kentucky they ranged from 100° to 106° , but in North Carolina the highest was 96° . In other sections of the district the highest temperature was registered on other dates, but mostly on the 10th or 11th. Maximum temperatures from 100° to 102° were registered on the 10th in Ohio, Indiana, Illinois, and 98° in southwestern Virginia; 100° on the 9th, 11th, and 23d in West Virginia, and 95° in western New York and 99° in western Pennsylvania on the 11th.

The highest temperature in the district, 106° , occurred at Earlington, Ky., on the 4th. This equals the highest temperature registered in that State in June during the past 25 years. Also 105° recorded at Pope, Tenn., on the 4th and 11th equals the highest recorded in that State in a like period.

While the lowest temperatures of the month were recorded on other dates in some sections of the district, as a rule the coldest period was the 14th-16th. Light frost formed at Banners Elk, N. C., on the morning of the 16th.

The month began with rather cool weather over the central, northern, and eastern portions of the district, but warm weather had already set in over Tennessee and the States south of that State. This warm wave spread

over the rest of the district by the 2d, and for 10 days the temperature was above normal almost continuously. Intense midsummer heat obtained during much of this period, but especially on the 3d-4th, when average daily temperatures were from 4° to 12° above normal and maximum temperatures of 95° to 106° were registered. This heat wave, however, was not so intense in the northeastern portion of the district as in the other sections, nor so severe in any of the northern and northeastern sections as the one of the 10th-11th.

The hot wave was broken about the 12th, being succeeded by a cool spell which set in on the 13th and prevailed for about a week in the northern and central portions of the district but was broken into by a warm wave in the southern and western portions during the period 15th-17th. During the rest of the month the temperature was somewhat variable, but as a rule was somewhat warmer than normal, and on several days considerably above normal. At the end of the month another cool wave had spread over the north central and eastern portions of the district.

The extreme range in temperature during the month was 73°, or from 106° at Earlington, Ky., elevation 370 feet above sea level, on the 4th, to 33° on the 16th at Burkes Garden, Va., elevation 3,250 feet above sea level. There are but two stations in the district at a higher elevation than Burkes Garden, Va.—Banners Elk, 3,750 feet, and Highland, 3,670 feet, both in North Carolina. The minimum temperature at Banners Elk was 39°, on the 16th, and Highland, 44°, on the 16th.

PRECIPITATION.

Precipitation during the month was very unequally distributed over the district and ranged from 0.8 inch to 9.3 inches, also over more or less large areas there was sufficient rainfall and to spare, while over other areas equally large there was a decided deficiency. As a rule there was abundance of rain, the amount being over 4 inches in the following sections: Southwestern New York, western Pennsylvania, most of West Virginia, the southern counties and many of the eastern counties of Ohio, western Maryland, the eastern and some of the central and western counties of Kentucky, northeastern Indiana, and at a few stations in the central Wabash section of Illinois. There was also sufficient rain in the east central portions of Tennessee and over some of the more elevated sections of that State. Over the rest of the district the amount of rainfall was less than 4 inches, and as a rule less than 3 inches. The deficiency was probably most marked in North Carolina, the extreme western and northeastern portions of Tennessee, much of western Kentucky, the southern portions of Illinois, and west central and south central Indiana.

There were three distinct rain periods during the month when rainfall was more or less general and considerable in amount, namely, 5th-6th, 17th-18th, and the 24th-27th. In addition to these periods there were good rains in parts of Ohio and the eastern portions of the district during the 12th-14th. On the other hand, rain in Tennessee and much of the southern portion of the district did not amount to a great deal in the first half of the month, and the drought conditions which had prevailed nearly all of May were prolonged to the middle of June.

Excessive 24-hour rainfalls occurred on the 17th-18th in several of the middle counties of Ohio, and at several stations in Illinois, Indiana, and Kentucky. Excessive

rainfalls also occurred in Indiana on the 25th and 26th, in Kentucky on the 27th, and in Tennessee on the 24th, 25th, 27th, and 28th. At Franklin, Tenn., 5.37 inches fell in 24 hours on the 24th-25th, which is the greatest 24-hour amount ever recorded in that State in June.

Thunderstorms were frequent, and the rains that fell for the most part attended these storms, which accounts in the main for the great variation in distribution of the month's rainfall, and for the large difference in the amounts received at even neighboring stations.

MISCELLANEOUS.

Thunderstorms were quite general in the period 4th-7th, 11th-12th, 16th-19th, and 23d-27th, also they were unusually violent at times in various localities during these periods. The more prominent of these storms were as follows:

June 4.—A severe wind and electric storm did great damage in and about Pittsburg, Pa. A number of persons were injured by the storm, besides eight being shocked and burned by live wires blown down. A panic was created in a church when the roof was raised up and the walls bulged out by the winds. The wind reached a velocity of 56 miles an hour at the Weather Bureau office at Pittsburg. In Ohio thunderstorms and wind squalls were very severe. The section director reports as follows:

Much damage was done by severe winds and thunderstorms in widely scattered counties of Ohio on the 4th of June. Growing crops and fruit trees were badly damaged in Preble and Butler Counties on that date. In Preble County several roofs were blown off, telephone wires thrown down, and a vehicle occupied by two people was reported to have been lifted from the road and carried into an adjoining field by the gale. In western Ross County a school building was demolished and a number of roofs blown off. In Ironton, Lawrence County, numerous roofs were damaged, a large barn was turned part way around, and many trees and fences blown over. Considerable damage was done there also by hail that accompanied the storm. In Sandusky and Seneca Counties the day was marked by a number of succeeding thunderstorms. Hail fell during four different storms at Tiffin, doing much damage to fruit and growing crops. In the vicinity of Fostoria the loss from hail is estimated at thousands of dollars.

During the afternoon one of the most destructive storms ever experienced in the State swept across the northern part of Ohio. The path of the storm was unusually wide, reaching from the lake shore on the north to Crawford, Richland, Ashland, Wayne, Stark, and Columbiana Counties on the south. The storm moved rapidly, passing over Fremont and Tiffin between 1 and 2 p. m. and over Canton between 2.45 and 4.15 p. m. All data collected show that it was a severe thunder squall, the wind moving in a straight course from a north of west direction.

The greatest amount of destruction occurred in northern Wayne and Stark Counties, where the wind appears to have attained its greatest force. In that vicinity a number of large barns were demolished, silos and windmills blown down, and many roofs damaged. Probably the greatest loss was in the destruction of forest and fruit trees. On many farms practically all of the timber is down. Out of 200 oak trees on one farm only 4 are left. On another timber tract of 18 acres only a few trees remain standing, and the fallen timber is so badly damaged that it can not be made into lumber. The damage to fences, farm crops, and telephone lines was very great also. Akron, Canton, and Wooster probably suffered more loss than the other towns in the path of the storm. The damage to buildings and destruction of shade trees was especially severe in those cities. One death was caused in Canton by a falling tree, while in Akron several persons were injured by coming in contact with live wires. At Norwalk one man was killed and three others injured by lightning while standing under a large tree. The wind moved a large barn several feet from its foundation and caused much damage to wires, shade trees, and buildings.

Storms also did great damage in Indiana. Several houses were struck by lightning and many persons were shocked, two being killed, John K. Powers, a farmer, of Marion County, and Mrs. Oscar Keller, of Lyons.

June 5.—Three persons were killed in Indiana by lightning—John Grant, Columbus; Mrs. Lulu Philips,

Linton; and James Parsons, Hymera. A destructive wind and hail storm passed over Waverly, Pike County, Ohio, in the evening. Dr. Hutt, the observer at Waverly, reports that hail, varying in size from peas to sycamore balls, covered the ground, while drifts of hailstones from roofs of buildings lay from 2 to 5 inches thick the following morning. Fruits and growing crops were badly damaged. There was also considerable damage by storms in Kentucky; several barns were struck by lightning and destroyed, and a number of valuable horses and other stock were killed in various parts of the State. Also several residences were struck and the occupants had narrow escapes. Telephone systems and lighting plants were put out of commission at many places.

June 6.—Thunderstorms, attended by heavy local rains, hail, and wind squalls, visited numerous places in Indiana, Illinois, and Kentucky, doing more or less damage. Joseph Greely, a farmer living near Hope, Ind., was killed by lightning.

June 11 and 12.—Local storms were quite severe both days in extreme western New York. Many trees were destroyed by the force of the wind and barns and other buildings were fired by lightning. A child, while closing a window, was struck and killed by lightning at Olean, N. Y. A 35,000-barrel tank of crude oil was struck by lightning near Allegany and totally destroyed. A man was killed by lightning in Belmont County, Ohio. A very destructive hailstorm occurred in eastern Columbiana County, Ohio, on the 12th, completely destroying the growing crops of wheat, oats, and corn on a number of farms, and also badly damaging fruit in many places. One man reports a loss of 200 bushels of cherries, another 800 barrels of apples, while another fruit grower estimated his loss at \$1,000.

June 17, 18, and 19.—Local storms did considerable damage in Ohio and Indiana. On the 17th a young man was killed and a companion seriously injured at Mount Vernon, Ind., by the blowing over of a barn in which they had taken refuge.

June 23.—Considerable damage was done in and about Louisville, Ky., by wind, rain, and lightning.

June 24.—Lightning struck the residence of John Hampton, near Newburg, Ind., totally destroying the building, with a loss of over \$15,000.

June 25.—During an electric storm near Florence, Ind., two houses were struck by lightning, one being burned. A negro girl was killed by lightning near Florence, Tenn.

June 26.—Two young people were killed by lightning while riding on a load of hay near Garfield, Ky., and a younger brother, who was on the back of the wagon, was thrown to the ground, but not seriously hurt. The horses drawing the wagon, while knocked down, were not seriously injured. During a severe storm in Woodford County, Ky., the barn of Mr. Ira Beckman was wrecked and lightning killed two mules and severely injured a horse.

June 27.—A boy was killed by lightning in Adams County, Ohio, and local storms were very severe in some of the northern counties of Indiana. In Russ County, Ind., particularly great damage was done by a wind-

storm of hurricane force which passed over that section about 4 a. m. Many thousands of dollars worth of valuable timber, fruit orchards, and crops were devastated. It is reported that approximately 300 buildings were unroofed and many others leveled to the ground. Windmills were wrecked, fences blown down, and telephone lines were rendered useless for the time being. Many persons were shocked by lightning, but no deaths resulted from the storm.

Deaths from lightning.—Lightning was unusually active during the month. No less than 12 deaths, as far as was learned, resulted from this cause in the Ohio Valley. Of these, 5 occurred in Indiana, 3 in Ohio, 2 in Kentucky, 1 in Tennessee, and 1 in western New York.

A lightning freak.—A curious lightning freak occurred during a storm that swept over the village of Rome, Ind., in the afternoon of June 6. The bolt struck a building used as a tavern and kept by Mr. and Mrs. Robert Gardner. The following description of the phenomenon was gathered from Mr. Adam Anspach, cooperative observer at Rome, and whose residence is only about 60 feet from that of the Gardners. The lightning bolt seems first to have entered the dining room, through which it passed to an adjoining room, on the walls of which hung a number of pictures and a looking-glass. Two of these pictures were suspended one above the other. No trace of the lower one, either picture or any part of the frame, has been found since the lightning entered. The upper one, which was a photograph of a child, was covered by a pane of glass. The glass was shattered into fine bits and the board back of the photograph absolutely destroyed and no particle of it could be found. The rest of the frame and the photograph itself were uninjured, except that the photograph had the appearance of having been smoked on the face of it, while on the back had been transferred a distinct tracing of the pattern of the wall paper. A spot about the size of one's hand had been melted off the silverying on the back of a mirror which hung on an adjacent wall, but neither the glass nor its frame was injured in any other way. It appears that the bolt passed from this room to the metal roof of a shed just outside, and from this down the conductor pipe to the cistern. The solder on this pipe was melted and a large timber located where the pipe entered the cistern was shattered. When the cistern was first opened, strong sulphurous odors were thrown out and for several hours the water drawn from the cistern was of a decided milk color. Mrs. Gardner, who was in the dining room at the time working at a sewing machine and was considerably shocked, states that she distinctly saw what appeared like a ball of fire sweep through the room in front of her. Mr. Gardner says that he saw what appeared to be several balls of fire pass from the water barrel under the spout in the yard to the cistern.

Engineering notes.—The Hamilton (Ill.) county court has recently granted the petition for the organization of a new drainage district to be known as the Auxier special drainage district, located in the northern part of Hamilton and the southern part of Wayne Counties. This means the draining and reclaiming for agricultural purposes 4,140 acres of fine bottom land.

TABLE 1.—Climatological data for June, 1911. District No. 3, Ohio Valley.

| Stations. | Counties. | Elevation, feet. | Length of record, years | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | Sky. | Prevailing wind direction. | Observers. | | | | |
|----------------------------|-------------------|------------------|-------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|---|-----------------------|-------------------------------|------------------------|--------------------|----------------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | |
| | | | | | | | | | | | | | | | | | | | | |
| <i>New York.</i> | | | | | | | | | | | | | | | | | | | | |
| Allegany..... | Cattaraugus..... | 1,441 | 5 | 64.9 | + 2.3 | 94 | 11 | 40 | 10† | 41 | 4.39 | + 0.87 | 0 | 14 | 7 | 14 | 9 | nw. | Chas. E. Whitney. | |
| Bolivar..... | Aleppo..... | 1,800 | 17 | 64.8 | + 2.3 | 95 | 11 | 42 | 10† | 43 | 4.64 | + 0.87 | 2.00 | 0 | 16 | 7 | 13 | nw. | B. O. Newton. | |
| Olean..... | Cattaraugus..... | 3 | 3 | ..... | ..... | ..... | ..... | ..... | ..... | 3.43 | ..... | 0.68 | 0 | 13 | 14 | 9 | 7 | e. | John W. Alles. | |
| <i>Pennsylvania.</i> | | | | | | | | | | | | | | | | | | | | |
| Allegheny..... | Green..... | 1,135 | 10 | 69.3 | + 2.1 | 92 | 11† | 44 | 30 | 40 | 4.69 | + 0.80 | 1.11 | 0 | 10 | 16 | 7 | w. | J. S. Hinerman. | |
| Baldwin..... | Butler..... | 1,404 | 5 | 67.6 | ..... | 91 | 11 | 48 | 17† | 38 | 3.76 | ..... | 1.30 | 0 | 10 | 13 | 12 | sw. | S. H. Templeton. | |
| Beaver Dam..... | Beaver..... | 674 | 17 | 67.4 | ..... | 90 | 11 | 40 | 17† | 43 | 3.97 | - 0.87 | 0.89 | 0 | 13 | 9 | 7 | sw. | R. C. McCullough. | |
| Brookville..... | Jefferson..... | 1,173 | 21 | 68.1 | ..... | 90 | 11 | 40 | 17† | 43 | 3.59 | - 0.59 | 0.70 | 0 | 11 | ..... | ..... | w. | H. C. Bartholomew. | |
| Clairton..... | Clarion..... | 1,078 | 26 | 70.9 | ..... | 97 | 11 | 45 | 15 | 45 | 3.64 | - 1.18 | 1.35 | 0 | 8 | 16 | 1 | w. | J. A. Miller. | |
| Claysville..... | Washington..... | 1,127 | 7 | 70.9 | ..... | 97 | 11 | 45 | 15 | 45 | 3.41 | ..... | 1.17 | 0 | 12 | 12 | 6 | w. | E. T. Buchanan. | |
| Confluence..... | Somerset..... | 1,352 | 27 | 68.4 | + 2.4 | 95 | 11 | 47 | 16 | 35 | 4.96 | + 0.14 | 1.32 | 0 | 15 | 17 | 3 | 10 | sw. | Grant Pyle. |
| Franklin..... | Venango..... | 955 | 27 | 68.4 | + 2.4 | 95 | 11 | 49 | 16 | 35 | 4.50 | + 0.26 | 1.09 | 0 | 13 | 12 | 9 | 9 | sw. | F. E. Dixson. |
| Freeport..... | Armstrong..... | 772 | 38 | ..... | ..... | ..... | ..... | ..... | ..... | 3.90 | ..... | 1.10 | 1.60 | 0 | 11 | 7 | 13 | 10 | sw. | Mrs. Anna R. Burtner. |
| Greensburg..... | Green..... | 768 | 23 | ..... | ..... | ..... | ..... | ..... | ..... | 3.90 | ..... | 2.40 | 0 | 12 | 19 | 8 | 3 | nw. | James Kramer. | |
| Greenville..... | Mercer..... | 950 | 15 | 68.6 | + 1.9 | 96 | 11 | 45 | 21 | 42 | 5.98 | + 1.71 | 2.40 | 0 | 13 | 14 | 11 | 5 | n. | A. M. Orr. |
| Indiana..... | Indiana..... | 1,350 | 14 | 69.2 | + 2.2 | 96 | 11 | 46 | 21† | 40 | 4.57 | - 0.25 | 1.62 | 0 | 13 | 14 | 11 | 5 | s. | R. W. Wehrle. |
| Johnstown..... | Cambria..... | 1,184 | 23 | 72.2 | + 2.7 | 98 | 11 | 49 | 15 | 36 | 4.91 | - 0.21 | 0.90 | 0 | 10 | 15 | 5 | 5 | s. | E. C. Lorentz. |
| Lock No. 4..... | Washington..... | 718 | 25 | ..... | ..... | ..... | ..... | ..... | ..... | 4.70 | - 0.68 | 0.94 | 0 | 10 | 11 | 11 | 8 | s. | R. T. McGowan. | |
| Lykens..... | Westmoreland..... | 1,420 | 19 | 70.2 | + 1.7 | 94 | 11 | 50 | 21 | 31 | 4.81 | + 0.57 | 1.90 | 0 | 11 | ..... | ..... | ..... | ..... | Murray Forbes. |
| Pittsburg..... | Allegheny..... | 842 | 41 | 71.0 | - 0.1 | 94 | 10 | 55 | 15 | 31 | 2.63 | - 1.26 | 0.54 | 0 | 9 | 8 | 15 | 7 | nw. | U. S. Weather Bureau. |
| Seagertown..... | Crawford..... | 1,116 | 20 | 66.8 | + 1.4 | 93 | 11 | 43 | 16 | 38 | 3.39 | - 1.06 | 1.15 | 0 | 15 | 6 | 15 | 1 | nw. | J. G. Apple. |
| Skidmore..... | Lawrence..... | 1,000 | 7 | 67.6 | ..... | 94 | 10 | 47 | 6 | 41 | 5.00 | ..... | 1.75 | 0 | 5 | 26 | 3 | 1 | s. | W. H. Stoner. |
| Somerset..... | Somerset..... | 2,250 | 55 | 66.2 | + 0.6 | 94 | 11 | 49 | 9 | 40 | 2.26 | - 0.97 | 1.45 | 0 | 12 | 5 | 18 | 7 | nw. | W. M. Schrock. |
| Uniontown..... | Fayette..... | 999 | 23 | 70.6 | + 0.3 | 96 | 11 | 50 | 17† | 35 | 7.16 | - 2.41 | 2.45 | 0 | 14 | 5 | 11 | 11 | nw. | Wm. Hunt. |
| Warren..... | Warren..... | 1,137 | 22 | 66.6 | + 1.8 | 93 | 11 | 38 | 1 | 36 | 4.56 | + 0.33 | 1.00 | 0 | 11 | 13 | 0 | 17 | nw. | Anna Simpson. |
| <i>Maryland.</i> | | | | | | | | | | | | | | | | | | | | |
| Deer Park..... | Garrett..... | 2,457 | 17 | 67.0 | + 3.8 | 99 | 11 | 39 | 2† | 51 | 7.65 | + 2.53 | 1.45 | 0 | 13 | ..... | ..... | ..... | ..... | S. P. Specht. |
| Grantsville..... | do..... | 2,351 | 17 | 65.0 | + 0.9 | 98 | 11 | 44 | 15 | 33 | 5.99 | + 1.92 | 1.40 | 0 | 11 | ..... | ..... | ..... | ..... | J. S. Miller. |
| Oakland..... | do..... | 2,461 | 11 | 64.8 | + 0.7 | 90 | 11 | 42 | 2† | 45 | 6.02 | + 1.43 | 1.27 | 0 | 13 | 12 | 15 | 3 | w. | R. E. Weber. |
| <i>West Virginia.</i> | | | | | | | | | | | | | | | | | | | | |
| Bancroft..... | Putnam..... | 574 | 10 | 73.4 | ..... | 97 | 23 | 54 | 22 | 39 | 4.36 | - 0.74 | 1.62 | 0 | 10 | 16 | 0 | 14 | nw. | James Hill. |
| Beckley..... | Raleigh..... | 2,440 | 13 | 66.4 | ..... | 90 | 11 | 41 | 2 | 39 | 3.83 | - 0.06 | 1.18 | 0 | 10 | 13 | 4 | 13 | w. | John A. Ewart. |
| Bens Run..... | Pleasants..... | 622 | 10 | 72.8 | + 2.6 | 97 | 10† | 54 | 5† | 35 | 3.06 | - 1.95 | 0.82 | 0 | 8 | 19 | 10 | 1 | sw. | J. D. Riggs. |
| Bluefield..... | Mercer..... | 2,503 | 17 | 70.2 | + 1.4 | 96 | 11 | 46 | 2 | 36 | 4.52 | - 0.76 | 0.80 | 0 | 13 | 12 | 15 | 3 | sw. | Norfolk & Western Ry. |
| Buckhammon..... | Upshur..... | 1,472 | 20 | 69.7 | + 0.6 | 95 | 11 | 47 | 2† | 40 | 5.19 | + 0.07 | 1.89 | 0 | 9 | 22 | 7 | 1 | sw. | H. A. Darnall. |
| Cairo..... | Ritchie..... | 667 | 10 | 73.0 | + 2.4 | 98 | 11 | 50 | 1† | 36 | 3.47 | - 1.37 | 1.80 | 0 | 8 | 5 | 21 | 4 | w. | Van A. Zevely. |
| Central Station..... | Doddridge..... | 900 | 11 | 70.0 | + 0.1 | 97 | 11 | 45 | 21 | 31 | 4.92 | - 2.37 | 0.40 | 0 | 9 | 11 | 11 | 2b | sw. | G. W. Sherwood. |
| Charleston..... | Kanawha..... | 598 | 24 | 74.7 | ..... | 97 | 11 | 56 | 2† | 34 | 3.60 | - 1.20 | 1.05 | 0 | 11 | 16 | 11 | 3 | w. | R. C. Hewes. |
| Creston..... | Wirt..... | 612 | 11 | 72.6 | + 2.1 | 97 | 11 | 50 | 23 | 43 | 2.88 | - 1.84 | 1.46 | 0 | 10 | 15 | 8 | 7 | w. | J. M. Reed. |
| Cuba..... | Jackson..... | 544 | 10 | 70.8 | + 2.0 | 96 | 10 | 49 | 2† | 42 | 3.53 | - 0.68 | 1.82 | 0 | 11 | 7 | 23 | 0 | w. | C. T. Perry. |
| Elkhorn..... | McDowell..... | 1,933 | 19 | 70.7 | + 2.3 | 94 | 11 | 45 | 16 | 38 | 4.24 | - 1.24 | 0.97 | 0 | 12 | 14 | 14 | 2 | sw. | J. J. Lincoln. |
| Elkins..... | Randolph..... | 1,940 | 13 | 68.0 | + 3.9 | 93 | 11 | 46 | 22 | 42 | 4.97 | - 0.07 | 1.35 | 0 | 13 | 8 | 7 | 15 | w. | U. S. Weather Bureau. |
| Fairmont..... | Marion..... | 879 | 18 | 73.5 | ..... | 100 | 11 | 50 | 7† | 44 | 4.89 | + 0.12 | 1.76 | 0 | 10 | 10 | 10 | 5 | w. | H. Glenn Fleming. |
| Glenville..... | Gilmer..... | 738 | 22 | 73.0 | + 2.6 | 99 | 11 | 51 | 22 | 41 | 3.54 | - 1.12 | 1.15 | 0 | 8 | 13 | 8 | 9 | sw. | John Holt. |
| Grafton..... | Taylor..... | 985 | 18 | 71.4 | + 2.9 | 98 | 11 | 50 | 2† | 41 | 4.19 | - 0.58 | 1.42 | 0 | 10 | 18 | 12 | 0 | w. | John W. Snider. |
| Green Sulphur Springs..... | Summers..... | 1,600 | 16 | 68.4 | + 0.8 | 93 | 11 | 46 | 16 | 39 | 4.97 | + 0.67 | 1.22 | 0 | 15 | 13 | 11 | 6 | w. | Arthur George. |
| Hinton..... | do..... | 1,400 | 21 | 72.0 | + 1.4 | 98 | 11 | 51 | 15 | 41 | 4.28 | + 0.03 | 1.72 | 0 | 17 | 19 | 5 | 6 | w. | J. B. Lavender, C. E. Geo. |
| Huntington..... | Cabell..... | 510 | 17 | 73.6 | + 1.1 | 97 | 10 | 49 | 1 | 36 | 1.90 | - 2.76 | 0.80 | 0 | 13 | 15 | 2 | 13 | w. | L. H. Hutchinson. |
| Lewisburg..... | Greenbrier..... | 2,200 | 11 | 68.6 | + 1.2 | 92 | 11 | 46 | 2† | 40 | 1.88 | - 2.44 | 0.60 | 0 | 10 | 22 | 8 | 0 | w. | Geo. L. Argabrite. |
| Logan..... | Logan..... | 665 | 10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0 | 11 | 17 | 8 | 5 | w. | H. C. Ragland. |
| Lost Creek..... | Harrison..... | 1,023 | 15 | 68.4 | + 1.0 | 95 | 11 | 45 | 4 | 44 | 3.88 | - 0.43 | 1.67 | 0 | 11 | 17 | 8 | 5 | w. | Allen Smith. |
| Madison..... | Boone..... | 704 | 8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0 | 13 | 16 | 8 | 6 | w. | S. E. Bradley. |
| Mannington..... | Marion..... | 967 | 10 | 69.5 | ..... | 96 | 11 | 48 | 2† | 40 | 3.14 | - 0.89 | 1.65 | 0 | 13 | 16 | 8 | 6 | w. | S. A. Morgan. |
| Marlinton..... | Pocahontas..... | 2,169 | 17 | 67.2 | + 1.0 | 90 | 11† | 41 | 22 | 48 | 1.97 | - 3.35 | 0.60 | 0 | 9 | 18 | 11 | 0 | sw. | C. J. McCarty. |
| Morgantown..... | Monongalia..... | 1,250 | 36 | 70.6 | + 1.7 | 94 | 11 | 51 | 10† | 39 | 4.98 | + 0.25 | 1.48 | 0 | 10 | 18 | 12 | 0 | w. | Horace Atwood. |
| Moundsville..... | Marshall..... | 640 | 12 | 72.2 | + 2.5 | 99 | 11 | 51 | 15 | 39 | 4.39 | + 0.73 | 1.12 | 0 | 10 | 18 | 5 | 7 | sw. | M. L. Brown. |
| New Cumberland..... | Hancock..... | 987 | 14 | 68.8 | + 1.6 | 99 | 23 | 46 | 15 | 48 | 3.40 | - 1.48 | 0.70 | 0 | 8 | 9 | 7 | 14 | w. | Frank S. Evans. |
| New Martinsville..... | Wetzel..... | 634 | 18 | 73.0 | + 1.4 | 98 | 11† | 51 | 15 | 40 | 5.09 | + 1.31 | 2.05 | 0 | 9 | 19 | 9 | 2 | s. | Wm. Ankron. |
| Nuttallburg..... | Fayette..... | 2,252 | 68 | 69.2 | + 1.2 | 93 | 11 | 52 | 2† | 34 | 2.50 | - 1.95 | 1.00 | 0 | 6 | 21 | 4 | 4 | sw. | Miss Donna Tully. |
| Parkersburg..... | Wood..... | 638 | 23 | 73.8 | + 2.3 | 97 | 11 | 58 | 2 | 31 | 2.73 | - 1.92 | 1.26 | 0 | 12 | 13 | 11 | 6 | sw. | U. S. Weather Bureau. |
| Parsons..... | Tucker..... | 1,662 | 12 | 67.9 | + 1.4 | 92 | 11 | 45 | 22 | 42 | 8.25 | - 2.76 | 2.30 | 0 | 12 | 7 | 9 | 6 | w. | J. W. Swisher. |
| Philippi..... | Barbour..... | 1,192 | 18 | 71.0 | + 3.0 | 99 | 11 | 49 | 2† | 41 | 4.43 | - 0.36 | 1.91 | 0 | 12 | 16 | 12 | 2 | w. | J. D. Dadisman. |
| Pickens..... | Randolph..... | 2,755 | 20 | 65.6 | + 0.3 | 89 | 11</ | | | | | | | | | | | | | |

TABLE 1.—Climatological data for June, 1911. District No. 8—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | |
|------------------------|-------------|------------------|-------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|-----------------------|-------------------------------|------------------------|-----|------------------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unadjusted. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | |
| Ohio—Continued. | | | | | | | | | | | | | | | | | | | | |
| Canal Dover. | Tuscarawas. | 884 | 18 | 69.1 | + 0.8 | 100 | 23 | 45 | 15 | 48 | 2.78 | - 1.05 | 0.94 | 0 | 8 | 9 | 19 | 2 | w. | Ed. S. Slingluff. |
| Canton. | Stark. | 1,089 | 28 | 71.8 | + 3.2 | 98 | 23 | 52 | 21† | 39 | 3.57 | - 0.67 | 1.02 | 0 | 9 | 20 | 4 | 6 | nw. | Carl H. Meyer. |
| Cardington. | Morrow. | 1,010 | 16 | 7.00 | + 2.7 | 98 | 9 | 44 | 15 | 38 | 1.88 | - 2.01 | 0.46 | 0 | 5 | 20 | 0 | 10 | se. | J. W. Shaw. |
| Chillicothe. | Ross. | 630 | 8 | 74.9 | + 1.2 | 98 | 10 | 56 | 16 | 29 | 3.04 | - 0.94 | 1.03 | 0 | 5 | 10 | 9 | 11 | sw. | Marion Mackey. |
| Cincinnati. | Hamilton. | 628 | 40 | 74.9 | + 1.2 | 98 | 10 | 56 | 23 | 43 | 3.17 | - 0.92 | 0.86 | 0 | 11 | 14 | 6 | 10 | sw. | U. S. Weather Bureau. |
| Circleville. | Pickaway. | 694 | 23 | 74.8 | + 4.1 | 98 | 10 | 52 | 15 | 38 | 1.50 | - 0.83 | 0.83 | 0 | 11 | 12 | 11 | 11 | sw. | Hon. S. W. Courtright. |
| Clarington. | Monroe. | 600 | 8 | 70.5 | + 1.8 | 98 | 11 | 48 | 15 | 38 | 1.50 | - 0.83 | 0.83 | 0 | 10 | 12 | 7 | 7 | sw. | Col. S. Tschappat. |
| Columbus. | Franklin. | 918 | 33 | 72.8 | + 1.8 | 98 | 10 | 52 | 1 | 31 | 4.04 | + 0.55 | 1.47 | 0 | 10 | 12 | 7 | 7 | n. | U. S. Weather Bureau. |
| Coshocton. | Coshocton. | 770 | 2 | 72.9 | + 0.7 | 100 | 10 | 47 | 14 | 40 | 2.45 | - 1.59 | 0.89 | 0 | 11 | 17 | 2 | 2 | nw. | Mrs. Ada Jeffries. |
| Dayton. | Montgomery. | 730 | 30 | 72.9 | + 0.7 | 100 | 10 | 47 | 15 | 43 | 2.66 | - 0.89 | 0.82 | 0 | 11 | 13 | 4 | 13 | sw. | Mrs. Edith E. L. Boyer. |
| Delaware. | Delaware. | 927 | 14 | 71.7 | + 2.9 | 98 | 10 | 44 | 15 | 43 | 5.15 | + 0.83 | 1.84 | 0 | 13 | 15 | 2 | 1 | s. | Prof. L. L. Hudson. |
| Demos. | Belmont. | 1,325 | 23 | 70.9 | + 1.2 | 95 | 10 | 51 | 29† | 37 | 1.57 | - 0.83 | 0.83 | 0 | 7 | 14 | 15 | 1 | n. | J. T. Dysart. |
| Dennison. | Tuscarawas. | 846 | 1 | 72.2 | — | 100 | 23 | 46 | 15† | 44 | 2.91 | - 0.83 | 0.83 | 0 | 10 | 18 | 12 | 0 | n. | Water Supply Co. |
| Frankfort. | Ross. | 750 | 19 | 73.8 | + 3.1 | 98 | 11 | 50 | 18 | 38 | 3.45 | + 0.30 | 1.30 | 0 | 9 | 11 | 5 | 14 | s. | O. A. Cory. |
| Garrattsville. | Portage. | 1,005 | 27 | 67.6 | + 2.2 | 98 | 10 | 44 | 21 | 42 | 3.34 | - 0.35 | 1.04 | 0 | 10 | 12 | 11 | 7 | w. | S. M. Luther. |
| Granville. | Licking. | 986 | 29 | 71.8 | + 2.6 | 99 | 10 | 47 | 15 | 42 | 2.65 | - 1.32 | 0.87 | 0 | 9 | 18 | 0 | 12 | w. | Dr. L. E. Davis. |
| Gratiot. | do. | 1,000 | 22 | 70.4 | + 1.0 | 95 | 10 | 50 | 15 | 42 | 1.64 | - 2.57 | 0.42 | 0 | 8 | 12 | 17 | 1 | w. | W. B. Longstreth. |
| Green. | Adams. | 500 | 18 | 71.4 | - 0.6 | 100 | 10 | 46 | 15 | 42 | 2.48 | - 1.78 | 0.42 | 0 | 10 | 18 | 12 | 0 | n. | W. F. Kenyon. |
| Green Hill. | Columbiana. | 1,135 | 17 | 66.6 | + 0.4 | 93 | 23 | 41 | 21 | 47 | 3.82 | - 0.20 | 1.19 | 0 | 9 | 12 | 7 | 11 | n. | Jos. E. Bentley. |
| Greenville. | Darke. | 1,080 | 25 | 72.0 | + 2.6 | 98 | 11 | 50 | 14† | 34 | 3.16 | - 1.17 | 1.07 | 0 | 9 | 12 | 7 | 11 | n. | Geo. A. Katzenberger. |
| Hillsboro. | Highland. | 1,063 | 32 | 72.9 | + 1.1 | 98 | 11 | 50 | 14 | 34 | 7.58 | + 4.17 | 3.48 | 0 | 10 | 5 | 23 | 2 | sw. | Carey H. Roush. |
| Ironton. | Lawrence. | 575 | 28 | 73.8 | + 2.6 | 98 | 11 | 50 | 14 | 35 | 3.37 | - 1.16 | 1.40 | 0 | 11 | 8 | 7 | 7 | sw. | James Bull. |
| Jacksonburg. | Butler. | 975 | 43 | 72.6 | + 0.9 | 98 | 10 | 50 | 15 | 35 | 3.97 | - 0.12 | 0.84 | 0 | 8 | 10 | 7 | 13 | n. | Dr. J. B. Owsley. |
| Kenton. | Hardin. | 1,015 | 19 | 70.5 | + 0.8 | 98 | 10 | 46 | 1 | 42 | 2.90 | - 1.59 | 0.66 | 0 | 9 | 12 | 15 | 3 | w. | N. S. Martin. |
| Killbuck. | Holmes. | 1,087 | 19 | 70.4 | + 1.9 | 97 | 23 | 49 | 30 | 44 | 3.60 | + 0.16 | 0.96 | 0 | 13 | 18 | 9 | 5 | n. | Lloyd C. Schonauer. |
| Lancaster. | Fairfield. | 898 | 16 | 73.2 | + 4.1 | 99 | 23 | 49 | 15 | 41 | 2.78 | - 1.86 | 0.48 | 0 | 10 | 19 | 5 | 6 | sw. | R. L. Renshaw. |
| McConnelsville. | Morgan. | 710 | 27 | 71.8 | + 1.7 | 97 | 10 | 49 | 15 | 39 | 4.07 | - 0.25 | 2.02 | 0 | 10 | 8 | 12 | 10 | n. | C. H. Morris. |
| Marietta. | Washington. | 627 | 91 | 73.4 | + 3.2 | 98 | 10 | 54 | 15 | 38 | 3.10 | - 1.13 | 0.67 | 0 | 9 | 7 | 18 | 5 | s. | Prof. T. D. Biscoe. |
| Marion. | Marion. | 980 | 33 | 72.3 | + 2.6 | 100 | 10 | 48 | 1 | 42 | 2.55 | - 1.52 | 0.56 | 0 | 8 | 10 | 16 | 4 | nw. | Dr. E. H. Raffensperger. |
| Milfordton. | Knox. | 1,200 | 19 | 70.5 | + 2.7 | 98 | 23 | 49 | 1 | 43 | 3.77 | - 1.22 | 1.35 | 0 | 5 | 21 | 7 | 7 | sw. | L. H. Burgess. |
| Milligan. | Perry. | 875 | 18 | 70.1 | + 0.6 | 99 | 10 | 43 | 15 | 45 | 3.44 | - 0.82 | 2.00 | 0 | 9 | 11 | 7 | 2 | sw. | V. C. Eveland. |
| Millport. | Columbiana. | 1,145 | 18 | 68.1 | + 1.2 | 94 | 23 | 44 | 21 | 45 | 4.02 | + 0.22 | 0.96 | 0 | 10 | 6 | 21 | 3 | sw. | G. F. Copeland. |
| Nelle. | Coshocton. | 850 | 11 | 69.0 | - 0.3 | 98 | 10 | 43 | 15 | 40 | 3.16 | - 0.69 | 1.07 | 0 | 8 | 14 | 15 | 1 | w. | Miss Ethel L. Gamertsfelder. |
| New Alexandria. | Jefferson. | 1,050 | 26 | 74.2 | + 4.8 | 99 | 10† | 50 | 26 | 36 | 2.85 | - 1.31 | 1.00 | 0 | 6 | 24 | 2 | 4 | w. | Mrs. Mary K. Pennell. |
| New Berlin. | Stark. | 1,100 | 18 | 68.8 | + 1.0 | 94 | 23 | 47 | 21 | 41 | 4.44 | + 1.84 | 1.70 | 0 | 10 | 17 | 12 | 1 | nw. | Clayton Holl. |
| New Waterford. | Columbiana. | 1,053 | 16 | 69.4 | + 2.1 | 98 | 10† | 47 | 19† | 40 | 6.04 | + 1.37 | 2.00 | 0 | 7 | 12 | 7 | 11 | sw. | Sam. C. Scott. |
| Ohio State University. | Franklin. | 757 | 28 | 71.8 | + 2.1 | 98 | 10 | 46 | 15 | 37 | 2.88 | - 0.65 | 1.04 | 0 | 9 | 10 | 18 | 2 | w. | Prof. H. C. Lord. |
| Patakska. | Licking. | 1,015 | 16 | 71.6 | + 2.1 | 97 | 10 | 51 | 1 | 38 | 3.00 | - 1.13 | 1.43 | 0 | 10 | 11 | 12 | 7 | nw. | J. N. Rideau. |
| Peebles. | Adams. | 645 | 1 | 70.6 | — | 98 | 10 | 43 | 14 | 43 | 4.39 | - 0.22 | 0.96 | 0 | 10 | 11 | 12 | 7 | nw. | Ora O. Smalley. |
| Philo (1). | Muskingum. | 1,018 | 16 | 71.4 | + 0.9 | 95 | 10 | 51 | 15 | 32 | 6.58 | + 2.83 | 3.71 | 0 | 9 | 11 | 16 | 3 | se. | L. C. Burckholter. |
| Piqua. | Miami. | 847 | 1 | 72.2 | — | 98 | 10 | 47 | 15 | 36 | 3.05 | - 0.81 | 0.58 | 0 | 10 | 13 | 7 | 10 | w. | Harry L. Roberts. |
| Plattsburgh. | Clarke. | 1,130 | 18 | 71.2 | + 1.8 | 96 | 10 | 45 | 15 | 36 | 3.05 | - 0.81 | 0.58 | 0 | 10 | 14 | 17 | 4 | w. | F. E. Stewart. |
| Portsmouth. | Scioto. | 527 | 80 | 73.5 | + 0.9 | 99 | 11 | 52 | 14 | 35 | 4.24 | + 0.14 | 2.17 | 0 | 14 | 17 | 4 | 9 | w. | Dr. H. A. Shirrmann. |
| Prospect. | Marion. | 909 | 1 | 72.2 | — | 98 | 10 | 47 | 15 | 36 | 3.05 | - 0.81 | 0.58 | 0 | 10 | 13 | 7 | 10 | w. | Nell J. Gast. |
| Ritiman. | Wayne. | 990 | 19 | 68.6 | + 1.5 | 95 | 23 | 49 | 15 | 40 | 6.18 | + 2.31 | 2.07 | 0 | 7 | 5 | 22 | 3 | sw. | J. B. Gish. |
| Shenandoah. | Richland. | 1,100 | 19 | 68.6 | + 1.5 | 95 | 23 | 49 | 15 | 40 | 6.18 | + 2.31 | 2.07 | 0 | 7 | 5 | 22 | 3 | sw. | T. B. Arnett. |
| Sidney. | Shelby. | 985 | 28 | 72.9 | + 2.5 | 99 | 10 | 48 | 14 | 37 | 2.83 | - 0.97 | 0.50 | 0 | 10 | 16 | 7 | 2 | sw. | Hamline B. Blake. |
| Somerset. | Perry. | 1,080 | 12 | 73.5 | + 2.8 | 100 | 10 | 54† | 1 | 37† | 5.80 | + 1.08 | 2.70 | 0 | 11 | 19 | 9 | 2 | sw. | Miss M. W. C. Sheridan. |
| Springfield. | Clarke. | 980 | 17 | 70.4 | — | 96 | 10 | 47 | 15 | 40 | 6.30 | - 1.79 | 0.76 | 0 | 11 | 8 | 18 | 4 | sw. | W. A. Webster. |
| Summerfield. | Noble. | 1,187 | 5 | 70.4 | — | 96 | 10 | 47 | 15 | 40 | 1.82 | - 1.79 | 0.76 | 0 | 11 | 10 | 17 | 0 | s. | H. R. McClinton. |
| Syracuse. | Meigs. | 583 | 1 | 73.9 | — | 99 | 10† | 54 | 15† | 39 | 3.56 | - 1.36 | 1.55 | 0 | 10 | 13 | 17 | 0 | s. | E. G. Campbell. |
| Turman. | Gallia. | 698 | 18 | 71.5 | - 0.4 | 95 | 10 | 53 | 24† | 34 | 4.67 | + 0.36 | 2.30 | 0 | 9 | 8 | 18 | 4 | sw. | D. D. Thomas. |
| Urban. | Champaign. | 1,031 | 43 | 71.8 | + 3.2 | 101 | 10 | 45 | 15 | 43 | 3.83 | - 0.53 | 1.22 | 0 | 11 | 11 | 17 | 2 | sw. | Prof. J. H. Williams. |
| Warren. | Trumbull. | 900 | 22 | 69.3 | + 1.8 | 95 | 10† | 46 | 21 | 41 | 5.30 | + 1.75 | 1.82 | 0 | 10 | 12 | 1 | 17 | w. | M. D. McCorkle. |
| Waverly. | Pike. | 590 | 28 | 70.8 | - 1.5 | 95 | 4† | 50 | 6† | 42 | 6.29 | + 2.30 | 1.75 | 0 | 12 | 12 | 1 | 17 | w. | Dr. Peru Hutt. |
| Waynesville. | Warren. | 700 | 26 | 71.0 | + 1.1 | 94 | 10 | 48 | 15 | 32 | 3.71 | - 0.41 | 0.72 | 0 | 10 | 15 | 10 | 5 | sw. | Charles Michener. |
| Wooster. | Wayne. | 1,020 | 32 | 68.9 | + 1.1 | 94 | 10† | 45 | 21 | 43 | 3.78 | - 0.42 | 0.90 | 0 | 10 | 11 | 9 | 10 | nw. | Experiment Station. |
| Youngstown. | Mahoning. | 846 | 18 | 72.2 | — | 97 | 11 | 47 | 16 | 44 | 4.29 | + 1.29 | 1.00 | 0 | 12 | 20 | 4 | 6 | w. | G. R. Patton. |
| Zanesville. | Muskingum. | 700 | 24 | — | — | — | — | — | — | — | 2.80 | - 1.10 | 0.95 | 0 | 9 | 16 | 3 | 11 | s. | S. G. Sprague. |
| Virginia. | | | | | | | | | | | | | | | | | | | | |
| Big Stone Gap. | Mitchell. | 2,629 | 20 | 71.1 | + 1.0 | 92 | 4 | 47 | 17 | 36 | 4.76 | - 1.37 | 0.90 | 0 | 10 | 15 | 11 | 4 | w. | John W. Fox, Jr. |
| Blacksburg. | Montgomery. | 2,170 | 20 | 69.2 | + 1.4 | 93 | 11 | 46 | 2 | 36</ | | | | | | | | | | |

TABLE 1.—Climatological data for June, 1911. District No. 8—Continued.

| Stations | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | |
|-------------------|-------------|------------------|--------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|-----------------------|-------------------------------|------------------------|-----|--------------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | |
| Alabama. | | | | | | | | | | | | | | | | | | | | |
| Bridgeport. | Jackson. | 660 | 11 | | | | | | | | 5.57 | + 1.18 | 2.00 | 0 | 12 | | | | e. | R. L. Moore. |
| Decatur. | Morgan. | 573 | 29 | 79.2 | + 1.8 | 100 | 4 | 59 | 27 | 35 | 3.19 | - 0.39 | 0.85 | 0 | 12 | 19 | 6 | 5 | sw. | Ernest A. Carriger. |
| Florence. | Lauderdale. | 563 | 27 | 81.1 | + 4.6 | 99 | 16 | 65 | 27 | 31 | 3.15 | - 1.52 | 0.80 | 0 | 7 | 25 | 1 | 4 | e. | Robt. E. Coburn. |
| Guntersville. | Marshall. | 580 | 1 | 78.3 | | 98 | 47 | 54 | 14 | 40 | 5.44 | | 1.96 | 0 | 12 | 14 | 10 | 1 | e. | L. S. Long. |
| Madison. | Madison. | 573 | 17 | 78.4 | + 1.9 | 101 | 3 | 57 | 2 | 37 | 5.65 | + 1.22 | 2.00 | 0 | 10 | 19 | 7 | 1 | ne. | Albert Kish. |
| Riverton. | Colbert. | 360 | 14 | 79.1 | + 3.6 | 105 | 47 | 53 | 27 | 48 | 3.97 | - 0.09 | 0.22 | 0 | 10 | 22 | 9 | 6 | e. | Ernie J. Moore. |
| Scottsboro. | Jackson. | 652 | 28 | 77.2* | + 1.9 | 97 | 47 | 53 | 14 | 37 | 2.53 | - 2.04 | 0.65 | 0 | 10 | 9 | 6 | 15 | sw. | H. A. Caldwell. |
| Tuscumbia. | Colbert. | 488 | 29 | 80.6 | + 3.6 | 104 | 4 | 59 | 14 | 40 | 1.93 | - 2.50 | 0.61 | 0 | 7 | 15 | 8 | 7 | se. | Samuel Moore. |
| Tennessee. | | | | | | | | | | | | | | | | | | | | |
| Ashwood. | Maury. | 725 | 33 | 77.4 | + 2.5 | 100 | 16 | 51 | 2 | 41 | 3.25 | - 0.93 | 2.30 | 0 | 4 | 12 | 6 | 13 | s. | Mrs. Joseph W. Fleming. |
| Benton. | Polk. | 880 | 28 | 77.7 | + 3.8 | 100 | 11 | 52 | 14 | 44 | 2.28 | - 2.44 | 1.04 | 0 | 8 | 14 | 14 | 12 | n. | George L. Williams. |
| Birds Bridge. | Greene. | 5 | | | | | | | | | 1.95 | | 0.81 | 0 | 10 | 19 | 6 | 5 | w. | David B. George. |
| Bluff City. | Sullivan. | 14 | | | | | | | | | 3.32 | - 1.38 | 1.05 | 0 | 8 | 8 | 11 | 11 | w. | John W. Fisher. |
| Byrdstown. | Pickett. | 1,026 | 18 | 75.4 | + 2.4 | 97 | 4 | 52 | 2 | 38 | 4.03 | - 1.02 | 1.53 | 0 | 7 | 8 | 17 | 5 | sw. | John Lacy. |
| Carthage. | Smith. | 500 | 27 | 78.8 | + 3.9 | 104 | 11 | 56 | 14 | 42 | 3.40 | - 1.43 | 1.18 | 0 | 7 | 23 | 0 | 7 | s. | Earl C. Pickering. |
| Cedar Hill. | Robertson. | 625 | 11 | 79.3 | + 3.4 | 104 | 4 | 56 | 27 | 43 | 4.80 | + 0.47 | 1.95 | 0 | 7 | 24 | 2 | 4 | s. | J. Frank Ruffin. |
| Celina. | Clay. | 494 | 8 | | | | | | | | 3.43 | | 0.92 | 0 | 10 | | | | s. | Stephen B. Anderson. |
| Center Point. | Chester. | 400 | 14 | | | | | | | | | | | | | | | | s. | Halbert H. Bailey. |
| Charleston. | Bradley. | 709 | 14 | | | | | | | | | | | | | | | | s. | John T. Weeks. |
| Chattanooga. | Hamilton. | 808 | 32 | 78.0 | + 2.6 | 97 | 4 | 60 | 14 | 31 | 3.16 | - 1.15 | 0.78 | 0 | 13 | 15 | 5 | 10 | w. | U. S. Weather Bureau. |
| Clarksville. | Montgomery. | 500 | 48 | 78.8 | + 5.2 | 99 | 47 | 53 | 2 | 39 | 1.59 | - 2.56 | 0.88 | 0 | 5 | 24 | 9 | 6 | w. | Prof. James A. Lyon. |
| Clinton. | Anderson. | 800 | 23 | | | | | | | | 2.20 | - 2.90 | 0.65 | 0 | 7 | 21 | 2 | 7 | ne. | John Thompson. |
| Dandridge. | Jefferson. | 7 | | | | | | | | | 1.92 | | 0.94 | 0 | 7 | 29 | 0 | | w. | J. E. Swann. |
| Decatur. | Meigs. | 850 | 15 | 77.0 | + 2.5 | 100 | 47 | 52 | 2 | 43 | 4.53 | - 0.65 | 1.40 | 0 | 8 | 15 | 10 | 5 | sw. | J. Worth Lillard. |
| Dickson. | Dickson. | 800 | 15 | 77.0 | + 3.1 | 100 | 4 | 53 | 2 | 45 | 2.37 | - 1.63 | 1.43 | 0 | 6 | 16 | 8 | 6 | s. | Nathan R. Sugg. |
| Dover. | Stewart. | 500 | 16 | 78.9 | + 3.5 | 103 | 4 | 51 | 2 | 42 | 1.95 | - 2.06 | 0.72 | 0 | 4 | 19 | 15 | 2 | s. | S. Bradford Boyd. |
| Dunlap. | Sequatchie. | 726 | 2 | 77.2 | | 102 | 16 | 52 | 27 | 47 | 3.03 | | 0.75 | 0 | 10 | 13 | 15 | 2 | e. | Charles Boyd. |
| Elizabethton. | Carter. | 1,575 | 21 | | | | | | | | 3.50 | - 2.69 | 1.02 | 0 | 9 | 19 | 7 | 4 | se. | Mrs. Saro E. Ashley. |
| Erasmus. | Cumberland. | 1,850 | 14 | 71.0 | + 2.1 | 95 | 4 | 42 | 2 | 46 | 7.21 | + 1.63 | 2.52 | 0 | 12 | 14 | 13 | 3 | s. | Erastus P. Bell. |
| Florence. | Rutherford. | 560 | 21 | 77.4 | + 2.3 | 97 | 11 | 56 | 27 | 45 | 3.59 | + 1.75 | 4.84 | 0 | 7 | 19 | 9 | 2 | s. | Young M. Rizer. |
| Franklin. | Williamson. | 648 | 21 | 78.2 | + 3.7 | 99 | 4 | 58 | 14 | 35 | 8.20 | + 3.86 | 5.37 | 0 | 8 | 17 | 5 | 8 | s. | Ed F. Wright. |
| Halls Hill. | Rutherford. | 9 | | | | | | | | | 5.75 | | 1.64 | 0 | 6 | 21 | 1 | 8 | s. | Robert R. Ayres. |
| Harriman. | Roane. | 841 | 16 | 78.9 | + 4.5 | 102 | 10 | 54 | 2 | 41 | 2.93 | - 1.48 | 1.46 | 0 | 4 | 7 | 20 | 3 | s. | John Lutzman. |
| Hohenwald. | Lewis. | 983 | 25 | 76.6 | + 3.2 | 99 | 4 | 53 | 2 | 42 | 6.49 | + 1.44 | 3.10 | 0 | 9 | 11 | 14 | 5 | nw. | Capt. Paul Seavy. |
| Iron City. | Lawrence. | 600 | 14 | 77.4 | + 2.9 | 101 | 16 | 53 | 2 | 40 | 4.95 | - 2.13 | 1.27 | 0 | 7 | 9 | 20 | 1 | nw. | Calvin C. Maddox. |
| Jefferson City. | Jefferson. | 1,620 | 1 | 75.0 | + 3.4 | 100 | 4 | 50 | 2 | 42 | 4.59 | - 2.09 | 0.53 | 0 | 11 | 12 | 13 | 5 | nw. | Ward Crosby. |
| Johnson City. | Washington. | 1,620 | 15 | 78.5 | + 3.4 | 104 | 4 | 50 | 2 | 46 | 2.13 | - 1.97 | 1.15 | 0 | 7 | 18 | 7 | 5 | s. | Miss Sallie B. Matthews. |
| Johnsonville. | Humphreys. | 364 | 15 | | | | | | | | 3.13 | | 0.97 | 0 | 10 | 21 | 0 | | n. | Henry Crumbley. |
| Kingston. | Roane. | 38 | | | | | | | | | 2.36 | - 2.16 | 0.90 | 0 | 10 | 18 | 7 | 5 | w. | U. S. Weather Bureau. |
| Knoxville. | Knox. | 977 | 40 | 76.2 | + 2.8 | 96 | 11 | 58 | 2 | 33 | 7.22 | - 1.45 | 1.00 | 0 | 11 | 8 | 16 | 6 | n. | H. Logan Fields. |
| Lebanon. | Wilson. | 523 | 29 | 79.2 | + 3.2 | 101 | 11 | 56 | 9 | 37 | 4.98 | | 2.85 | 0 | 8 | 17 | 7 | 6 | s. | Dr. Robert D. Crutcher. |
| Lewisburg. | Marshall. | 727 | 16 | 78.2 | + 2.6 | 101 | 4 | 52 | 2 | 41 | 4.62 | - 1.12 | 1.86 | 0 | 9 | 16 | 11 | 3 | se. | L. H. Carlock. |
| Livingston. | Overtown. | 1,065 | 8 | 78.3 | | 102 | 11 | 51 | 4 | 47 | 4.00 | | 0.55 | 0 | 6 | 11 | 17 | 2 | n. | Robert W. Clark. |
| Loudon. | London. | 816 | 8 | | | | | | | | 4.87 | + 0.11 | 2.39 | 0 | 9 | 17 | 3 | 10 | w. | Col. James H. Burrow. |
| Lynville. | Giles. | 770 | 23 | 78.2 | + 3.4 | 97 | 4 | 56 | 2 | 36 | 5.74 | + 1.13 | 2.63 | 0 | 5 | 13 | 16 | 1 | s. | Miss Alice L. Headrick. |
| McGhee. | Monroe. | 7 | | | | | | | | | 5.20 | | 3.22 | 0 | 11 | 23 | 0 | | s. | Edward E. Barry. |
| McMinnville. | Warren. | 1,011 | 27 | 75.8 | + 2.1 | 100 | 4 | 52 | 27 | 42 | 5.53 | + 0.79 | 3.73 | 0 | 10 | 11 | 15 | 4 | s. | U. S. Weather Bureau. |
| Maryville. | Blount. | 1,050 | 15 | 76.8 | + 2.0 | 98 | 47 | 56 | 14 | 33 | 5.10 | + 0.09 | 3.00 | 0 | 8 | 17 | 9 | 7 | e. | H. Logan Fields. |
| Mountain City. | Johnson. | 2,486 | 14 | 69.3 | + 2.3 | 91 | 47 | 42 | 16 | 41 | 4.62 | - 1.12 | 1.86 | 0 | 9 | 16 | 11 | 3 | se. | Dr. Robert D. Crutcher. |
| Nashville. | Davidson. | 654 | 40 | 78.7 | + 2.4 | 99 | 4 | 60 | 2 | 34 | 4.58 | + 0.21 | 4.11 | 0 | 6 | 14 | 9 | 7 | n. | L. H. Carlock. |
| Newport. | Cocke. | 1,280 | 21 | 78.2 | + 2.0 | 95 | 47 | 55 | 27 | 45 | 2.45 | - 1.82 | 0.74 | 0 | 12 | 13 | 5 | 12 | s. | Robert W. Clark. |
| New River. | Scott. | 1,215 | 4 | | | | | | | | 3.64 | | 1.68 | 0 | 4 | 18 | 6 | 6 | nw. | Col. James H. Burrow. |
| Palmetto. | Bedford. | 770 | 18 | 78.2 | + 3.7 | 100 | 11 | 52 | 2 | 38 | 3.18 | - 1.18 | 1.80 | 0 | 6 | 14 | 10 | 6 | s. | Miss Carrie Cash. |
| Pinewood. | Hickman. | 4 | 77.2 | | | 103 | 11 | 48 | 2 | 48 | 3.35 | | 1.96 | 0 | 5 | 11 | 16 | 3 | sw. | Miss Besse Howard. |
| Pope. | Perry. | 400 | 14 | 79.3 | + 4.5 | 105 | 47 | 51 | 2 | 48 | 2.63 | - 1.74 | 0.91 | 0 | 5 | 11 | 16 | 3 | w. | Fred Beal. |
| Rogersville. | Hawkins. | 1,160 | 26 | 74.3 | + 2.4 | 98 | 4 | 48 | 16 | 42 | 3.33 | - 0.62 | 1.09 | 0 | 11 | 16 | 10 | 4 | nw. | Samuel G. Wilson. |
| Rugby. | Morgan. | 1,410 | 23 | 72.6 | + 1.3 | 99 | 4 | 47 | 27 | 48 | 6.66 | + 2.04 | 2.00 | 0 | 10 | 11 | 11 | 8 | sw. | William Fort Bell. |
| Savannah. | Hardin. | 442 | 27 | 77.8 | + 2.2 | 101 | 11 | 54 | 10 | 43 | 2.10 | - 2.57 | 1.00 | 0 | 7 | 23 | 2 | 5 | w. | Herbert O. Eckel. |
| Sevierville. | Sevier. | 5 | | 74.8 | | 96 | 47 | 50 | 16 | 41 | 3.50 | | 0.91 | 0 | 9 | 2 | 15 | 13 | s. | Arthur H. Noll. |
| Sewanee. | Franklin. | 2,000 | 15 | 74.2 | + 2.6 | 92 | 47 | 58 | 13 | 32 | 3.33 | - 1.66 | 1.06 | 0 | 6 | 10 | 14 | 6 | w. | Ernest H. Hull. |
| Sparta. | White. | 920 | 5 | 76.2 | | 99 | 47 | 52 | 2 | 41 | 3.10 | | 2.75 | 0 | 6 | 10 | 14 | 5 | n. | Mrs. Lucy E. Breeding. |
| Springdale. | Calborne. | 1,058 | 21 | 77.5 | | 102 | 4 | 50 | 2 | 44 | 1.66 | | 0.78 | 0 | 7 | 25 | 2 | 3 | n. | Hudnall A. Boden. |
| Springville. | Henry. | 377 | 8 | 77.5 | | | | | | | 4.91 | | 2.71 | 0 | 9 | 19 | 4 | 7 | n. | J. Caloway Carr. |
| Tazewall. | Calborne. | 14 | | | | | | | | | 5.59 | + 1.20 | 2.53 | 0 | 12 | 14 | 9 | 7 | s. | Reuben T. Moore. |
| Tullahoma. | Coffee. | 1,075 | 23 | 75.6 | + 2.8 | 95 | 47 | 53 | 14 | 37 | 5.64 | | 4.20 | 0 | 7 | 23 | 2 | 5 | sw. | John K. Roberts. |
| Walling. | White. | 909 | 8 | | | | | | | | 5.64 | | 0.78 | 0 | 9 | 4 | 23 | 3 | s. | Harry C. Boyd. |
| Waynesboro. | Wayne. | 753 | 25 | 77.0 | + 3.3 | 101 | 11 | 51 | 2 | 43 | 2.24 | - 1.14 | 1.05 | 0 | 8 | 18 | 5 | 7 | w. | William R. Wilson. |
| Wildersville. | Henderson. | 400 | 14 | 79.6 | + 5.3 | 103 | 3 | 59 | 17 | 40 | 1.5 | | | | | | | | | |

TABLE 1.—Climatological data for June, 1911. District No. 3—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | Precipitation, in inches. | | | | | Sky. | Prevailing wind direction. | Observers. | | | | |
|----------------------------|------------------|------------------|--------------------------|-------------------------------------|----------------------------|----------|-------|---------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|----------------------------|-------------------------------|------------------------|-----|-----------------------|-----------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | | |
| Kentucky—Continued. | | | | | | | | | | | | | | | | | | | | |
| Lexington..... | Fayette..... | 989 | 23 | 73.8 | + 0.6 | 96 | 4 | 53 | 15 | 32 | 3.01 | - 0.98 | 0.87 | 0 | 13 | 7 | 9 | 14 | ne. | U. S. Weather Bureau. |
| Loretto..... | Marion..... | 681 | 14 | 74.6 | + 1.8 | 97 | 4† | 48 | 3 | 37 | 5.05 | + 0.41 | 2.25 | 0 | 5 | 23 | 3 | 4 | s. | Loretto Academy. |
| Louisville..... | Jefferson..... | 525 | 39 | 77.4 | + 2.4 | 100 | 4 | 58 | 15 | 32 | 2.70 | - 1.53 | 1.71 | 0 | 9 | 8 | 14 | 8 | s. | U. S. Weather Bureau. |
| Marion..... | Crittenden..... | 16 | 77.4 | + 2.3 | 99 | 4 | 56 | 2 | 33 | 4.75 | + 1.24 | 3.75 | 0 | 3 | 14 | 10 | 6 | sw. | B. C. Paris. | |
| Maysville..... | Mason..... | 524 | 14 | 74.1 | + 1.3 | 101 | 10 | 48 | 14 | 46 | 3.25 | - 1.53 | 0.86 | 0 | 12 | 18 | 1 | 11 | se. | Mrs. Mary D. Marsh. |
| Middlesboro..... | Bell..... | 1,128 | 18 | 74.3 | + 2.0 | 96 | 4 | 49 | 16 | 44 | 5.56 | + 1.13 | 2.78 | 0 | 11 | 19 | 9 | 2 | sw. | B. H. Perkins. |
| Mount Sterling..... | Montgomery..... | 930 | 21 | 75.8 | + 3.2 | 100 | 10 | 52 | 14 | 36 | 5.14 | + 0.16 | 0.85 | 0 | 13 | 16 | 8 | 6 | s. | James O'Connell. |
| Owensboro..... | Davies..... | 479 | 15 | 77.0 | + 2.7 | 97 | 16 | 58 | 2† | 36 | 3.49 | - 0.03 | 1.00 | 0 | 7 | 18 | 5 | 7 | se. | Henry S. Berry. |
| Owenton..... | Owen..... | 700 | 15 | 74.0* | + 1.4 | 93 | 4 | 50 | 15 | 33† | 4.18 | + 0.21 | 1.63 | 7 ^a | 20 ^a | 15 | 7 | se. | J. T. Walker. | |
| Paducah..... | McCracken..... | 341 | 22 | 74.2 | ..... | 99 | 11 | 49 | 14† | 38 | 3.28 | - 1.63 | 1.52 | 0 | 6 | 27 | 0 | 3 | s. | S. A. Fowler. |
| Paintsville..... | Johnson..... | 0 | 74.2 | ..... | 99 | 11 | 49 | 14† | 38 | 5.24 | ..... | 1.40 | 0 | 11 | 17 | 1 | 12 | s. | R. L. Atkinson. | |
| Pikeville..... | Pike..... | 3 | 74.2 | ..... | 99 | 11 | 49 | 14† | 38 | 5.52 | ..... | 1.50 | 0 | 13 | 21 ^c | 5 ^c | 1 ^c | s. | I. M. Williams. | |
| Richmond..... | Madison..... | 920 | 19 | 75.0 | + 1.7 | 98 | 4 | 55 | 14 | 33 | 5.59 | + 1.70 | 1.42 | 0 | 13 | 17 | 2 | 11 | s. | J. W. Crooke. |
| St. John..... | Hardin..... | 777 | 15 | 75.2 | + 3.4 | 102 | 4 | 51 | 15 | 40 | 3.82 | - 0.22 | 0.87 | 0 | 11 | 21 | 0 | 9 | s. | Bethlehem Academy. |
| Scott..... | Kenton..... | 13 | 73.4 | + 1.7 | 95 | 22 | 50 | 14† | 37 | 2.93 | - 0.77 | 0.98 | 0 | 9 | 12 | 12 | 6 | n. | E. B. Wilson. | |
| Shelby City..... | Boyle..... | 1,087 | 17 | 73.4 | + 1.5 | 100 | 10 | 47 | 2 | 43 | 4.15 | + 0.47 | 1.96 | 0 | 9 | 22 | 5 | 3 | nw. | W. E. Grubbs. |
| Shelbyville..... | Shelby..... | 759 | 22 | 77.2 | + 3.3 | 99 | 4† | 53 | 14 | 36 | 3.61 | - 1.09 | 1.48 | 0 | 8 | 16 | 6 | 8 | w. | C. R. Burnett. |
| Taylorsville..... | Spencer..... | 489 | 9 | 74.5 | ..... | 99 | 4 | 51 | 2† | 39 | 3.69 | ..... | 0.82 | 0 | 11 | 14 | 12 | 4 | e. | E. D. Bourne. |
| Williamsburg..... | Whitley..... | 939 | 15 | 74.6 | + 1.3 | 100 | 4 | 48 | 2 | 42 | 4.42 | - 0.26 | 1.59 | 0 | 7 | 19 | 1 | 10 | e. | Noble C. Jones. |
| Williamstown..... | Grant..... | 943 | 9 | 72.9 | ..... | 97 | 4 | 50 | 15† | 35 | 5.37 | ..... | 1.40 | 0 | 12 | 17 | 5 | 8 | sw. | Mrs. Sarah E. Carter. |
| Indiana. | | | | | | | | | | | | | | | | | | | | |
| Anderson..... | Madison..... | 892 | 16 | 73.3 | + 3.2 | 98 | 10 | 47 | 15 | 35 | 1.68 | - 2.11 | 0.63 | 0 | 12 | 15 | 12 | 3 | sw. | W. H. Stanton. |
| Atica..... | Fountain..... | 522 | 1 | 73.7 | + 1.9 | 97 | 5 | 49 | 15 | 34 | 3.16 | - 0.61 | 0.85 | 0 | 9 | 9 | 5 | 6 | sw. | Robt. E. Ray. |
| Bloomington..... | Monroe..... | 744 | 16 | 73.7 | + 1.9 | 97 | 5 | 49 | 15 | 34 | 3.53 | - 0.57 | 1.56 | 0 | 9 | 13 | 14 | 3 | sw. | Earl E. Ramsey. |
| Bluffton..... | Wells..... | 835 | 16 | 72.8 | + 4.5 | 99 | 10 | 47 | 14 | 41 | 3.53 | ..... | 2.20 | 0 | 9 | 18 | 9 | 3 | sw. | Tom R. Johnston. |
| Butlerville..... | Jennings..... | 767 | 26 | 73.2 | + 0.9 | 94 | 10† | 49 | 14 | 35 | 3.26 | - 1.15 | 1.42 | 0 | 9 | 19 | 9 | 3 | sw. | C. F. Hole. |
| Cambridge City..... | Wayne..... | 941 | 20 | 71.6 | + 2.2 | 98 | 10† | 45 | 14 | 44 | 5.53 | + 1.22 | 1.58 | 0 | 11 | 19 | 0 | 11 | sw. | Charles Lemberger. |
| Columbus..... | Bartholomew..... | 833 | 28 | 73.0 | + 1.2 | 97 | 4 | 48 | 15 | 39 | 3.01 | - 0.54 | 1.33 | 0 | 10 | 19 | 1 | 10 | s. | John A. Perry. |
| Connersville..... | Fayette..... | 766 | 29 | 74.8 | + 4.0 | 100 | 10 | 47 | 14 | 40 | 1.99 | - 2.09 | 0.93 | 0 | 6 | 25 | 0 | sw. | H. T. Swindler. | |
| Crawfordsville..... | Montgomery..... | 780 | 1 | 75.0 | ..... | 102 | 22 | 45 | 15 | 44 | 1.70 | ..... | 0.65 | 0 | 6 | 15 | 4 | 11 | se. | P. H. Burns. |
| Delphi..... | Carroll..... | 668 | 26 | 74.0 | + 3.4 | 102 | 10 | 45 | 15 | 40 | 1.46 | - 2.86 | 0.46 | 0 | 8 | 11 | 9 | 10 | sw. | L. A. Higgonbotham. |
| Eminence..... | Morgan..... | 782 | 5 | 74.0 | ..... | 102 | 22 | 45 | 15 | 40 | 1.46 | - 2.86 | 0.46 | 0 | 8 | 10 | 9 | 10 | sw. | E. E. Kelso, M. D. |
| Evansville..... | Vanderburg..... | 386 | 35 | 78.5 | + 3.2 | 99 | 4 | 61 | 2 | 30 | 4.30 | + 0.13 | 1.18 | 0 | 10 | 9 | 20 | 1 | ne. | U. S. Weather Bureau. |
| Farmersburg..... | Sullivan..... | 13 | 73.9 | + 3.2 | 96 | 4 | 49 | 15 | 33 | 3.27 | - 0.77 | 1.04 | 0 | 7 | 8 | 20 | 2 | s. | Maurice Yeager. | |
| Farmland..... | Randolph..... | 1,101 | 29 | 70.3 | + 0.5 | 94 | 10 | 49 | 15 | 33 | 5.12 | + 1.03 | 1.33 | 0 | 9 | 14 | 1 | 15 | e. | W. J. Davison. |
| Greenfield..... | Hancock..... | 906 | 8 | 73.2 | ..... | 99 | 10 | 49 | 15 | 32 | 4.75 | ..... | 1.35 | 0 | 10 | 5 | 24 | 1 | sw. | Prof. W. C. Goble. |
| Greensburg..... | Decatur..... | 954 | 15 | 73.0 | ..... | 99 | 10 | 49 | 15 | 32 | 4.75 | ..... | 1.35 | 0 | 10 | 12 | 2 | sw. | C. C. Morrison, M. D. | |
| Huntingburg..... | Dubois..... | 463 | 3 | 76.6 | ..... | 100 | 4† | 51 | 15 | 37 | 4.22 | ..... | 2.74 | 0 | 6 | 2 | 10 | s. | H. Dufendach. | |
| Huntington..... | Huntington..... | 741 | 18 | 71.9 | + 2.3 | 96 | 23 | 48 | 15† | 36 | 4.37 | + 0.38 | 1.10 | 0 | 11 | 15 | 6 | 9 | sw. | Chas. McGrew. |
| Indianapolis..... | Marion..... | 822 | 40 | 74.5 | + 2.1 | 96 | 10 | 54 | 15 | 27 | 2.96 | - 2.11 | 0.67 | 0 | 10 | 11 | 13 | 6 | s. | U. S. Weather Bureau. |
| Jeffersonville..... | Clark..... | 455 | 29 | 76.2 | + 1.6 | 99 | 4 | 53 | 15 | 34 | 2.69 | - 1.03 | 1.14 | 0 | 12 | 11 | 13 | 6 | n. | John C. Loomis. |
| Judyville..... | Warren..... | 4 | 73.0 | ..... | 101 | 4 | 39 | 15 | 49 | 2.37 | ..... | 1.10 | 0 | 7 | 20 | 9 | 1 | sw. | Dale R. Warrick. | |
| Kokomo..... | Howard..... | 840 | 19 | 71.8 | + 1.2 | 99 | 10 | 41 | 15 | 41 | 3.64 | - 0.16 | 1.10 | 0 | 9 | 16 | 12 | 2 | sw. | P. H. Robertson. |
| Lafayette..... | Tipppecanoe..... | 617 | 32 | 74.1 | + 3.4 | 101 | 10 | 49 | 15 | 35 | 2.24 | - 2.23 | 0.61 | 0 | 9 | 18 | 2 | 10 | s. | Wm. J. Jones, jr. |
| Logansport..... | Cass..... | 620 | 31 | 74.8 | + 3.3 | 103 | 10 | 46 | 15 | 44 | 5.99 | + 1.95 | 2.88 | 0 | 8 | 17 | 4 | 9 | w. | Chas. Massena. |
| Madison..... | Jefferson..... | 460 | 19 | 75.9 | + 1.9 | 100 | 10 | 53 | 14 | 37 | 5.40 | + 1.41 | 2.23 | 0 | 7 | 20 | 6 | 1 | sw. | Dr. J. Cooperider. |
| Marengo..... | Crawford..... | 363 | 29 | 73.3 | + 0.3 | 96 | 4 | 47 | 15 | 37 | 5.60 | + 0.67 | 2.11 | 0 | 7 | 17 | 6 | 8 | sw. | J. M. Johnson. |
| Marion..... | Grant..... | 814 | 25 | 72.4 | + 2.2 | 100 | 10 | 46 | 15 | 39 | 4.76 | + 0.68 | 0.98 | 0 | 9 | 16 | 4 | 10 | s. | James F. Hood. |
| Mauzy..... | Rush..... | 980 | 31 | 71.2 | + 1.1 | 98 | 10 | 46 | 15† | 34 | 3.33 | - 0.98 | 0.84 | 0 | 9 | 11 | 9 | 10 | sw. | Elwood Kirkwood. |
| Monticello..... | White..... | 674 | 1 | 71.8 | ..... | 102 | 4 | 53 | 15 | 37 | 2.17 | ..... | 1.05 | 0 | 5 | 17 | 5 | 8 | sw. | J. E. Loughry. |
| Moore Hill..... | Dearborn..... | 980 | 10 | 73.0 | + 2.7 | 95 | 10† | 49 | 15 | 33 | 4.51 | + 1.24 | 1.11 | 0 | 10 | 18 | 5 | 7 | sw. | W. S. Bigney. |
| Mount Vernon..... | Posey..... | 410 | 25 | 70.8 | + 1.5 | 101 | 16 | 56 | 15 | 36 | 3.61 | - 0.12 | 1.16 | 0 | 8 | 23 | 3 | 4 | s. | Guy B. Green. |
| Paoli..... | Orange..... | 611 | 14 | 72.8 | + 0.6 | 96 | 21 | 46 | 15 | 40 | 3.38 | - 1.10 | 1.06 | 0 | 11 | 13 | 14 | 3 | ne. | James A. Gillum. |
| Princeton..... | Gibson..... | 481 | 29 | 78.0 | + 3.9 | 103 | 4 | 52 | 15 | 37 | 5.2 | ..... | 0.52 | 0 | 25 | 4 | 1 | sw. | Albert Mills. | |
| Richmond..... | Wayne..... | 672 | 26 | 70.4 | + 1.0 | 96 | 10 | 44 | 14 | 38 | 4.73 | + 0.61 | 1.44 | 0 | 10 | 13 | 14 | 3 | sw. | Walter Vossier. |
| Rochester..... | Fulton..... | 775 | 6 | 73.8 | ..... | 95 | 10 | 50 | 15 | 31 | 4.73 | ..... | 2.50 | 0 | 11 | 15 | 6 | 9 | s. | G. P. Keith. |
| Rockville..... | Parke..... | 722 | 6 | 74.0 | + 3.0 | 95 | 4 | 51 | 15† | 30 | 3.28 | - 0.92 | 1.47 | 0 | 8 | 16 | 5 | 9 | s. | Dr. W. N. Wirt. |
| Rome..... | Perry..... | 370 | 8 | 77.8 | ..... | 102 | 4 | 53 | 2 | 41 | 4.56 | ..... | 1.40 | 0 | 10 | 22 | 6 | 2 | sw. | Adam Ansپach. |
| Salamonie..... | Jay..... | 6 | 70.1 | ..... | 97 | 10 | 43 | 14 | 38 | 3.81 | ..... | 1.15 | 0 | 9 | 10 ^b | 4 ^b | 15 ^b | sw. | Chas. V. Skinner. | |
| Salem..... | Washington..... | 717 | 18 | 73.4 | + 1.6 | 98 | 4 | 48 | 15 | 39 | 3.64 | - 0.30 | 1.00 | 0 | 8 | 14 | 12 | 4 | nw. | Emmet S. Allen. |
| Scott..... | Scott..... | 570 | 17 | 77.8 | + 3.7 | 100 | 10 | 56 | 2† | 33 | 3.53 | - 0.70 | 1.07 | 0 | 4 | 14 | 12 | 2 | s. | Frank H. Park. |
| Seymour..... | Jackson..... | 610 | 24 | 73.8 | + 1.0 | 99 | 4 | 50 | 15 | 38 | 3.57 | - 0.40 | 1.60 | 0 | 9 | 8 | 21 | 1 | sw. | J. Robt. Blair. |
| Shelbyville..... | Shelby..... | 768 | 7 | 73.2 | ..... | 97 | 10 | 48 | 14 | 37 | 4.17 | ..... | 1.08 | 0 | 9 | 17 | 10 | 3 | sw. | Edgar G. Hodson. |
| Shoals..... | Martin..... | 523 | 4 | 74.0 | ..... | 97 | 10 | 47 | 15 | 34 | 3. | | | | | | | | | |

TABLE 2.—*Daily precipitation for June, 1911. District No. 3, Ohio Valley.*

MONTHLY WEATHER REVIEW.

JUNE, 1911

TABLE 2.—*Daily precipitation for June, 1911. District No. 3—Continued.*

| Stations. | Watershed. | Day of month. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total. | | | |
|------------------------|--------------|---------------|------|------|------|-----|-----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|------|------|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | | |
| <i>Ohio.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amesville. | Ohio. | .81 | .22 | .22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.03 | |
| Bangorville. | Muskingum. | T. | .26 | .06 | .38 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | 2.43 | | |
| Bellefontaine \|\| | Great Miami. | .06 | | .51 | .62 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.98 | | |
| Bladensburg. | Muskingum. | | | .68 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.17 | | |
| Cadiz. | Ohio. | T. | .01 | .02 | .30 | .32 | | | | | | | | | | | | | | | | | | | | | | | | | 2.96 | | | |
| Cambridge. | Muskingum. | .12 | .30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.98 | | |
| Camp Dennison. | Ohio. | .21 | .47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.21 | | |
| Canal Dover. | Muskingum. | .05 | .10 | .47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.78 | | |
| Canton \|\|. | do. | .34 | .04 | 1.02 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | 3.57 | | | |
| Cardington. | Seloto. | .35 | .32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.88 | | |
| Chillicothe \|\|. | do. | .12 | .70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.79 | | |
| Cincinnati. | Ohio. | .25 | .10 | .20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.04 | | |
| Circleville \|\|. | Seloto. | .31 | T. | .47 | .34 | T. | .05 | | | | | | | | | | | | | | | | | | | | | | | | 3.17 | | | |
| Clarington. | Ohio. | .03 | | .50 | .20 | | | | | | | | | | | | | | | | | | | | | | | | | | 4.85 | | | |
| Columbus. | Seloto. | .45 | .05 | .47 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | 4.04 | | | |
| Coshocton \|\|. | Muskingum. | .16 | .10 | .79 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.20 | | | |
| Dayton \|\|. | Great Miami. | .27 | T. | .47 | .05 | | | | | | | | | | | | | | | | | | | | | | | | | | 2.45 | | | |
| Delaware. | Seloto. | T. | .44 | T. | .30 | T. | | | | | | | | | | | | | | | | | | | | | | | | | 2.66 | | | |
| Damico. | Ohio. | .07 | .03 | .50 | 1.84 | | | | | | | | | | | | | | | | | | | | | | | | | | 5.15 | | | |
| Dennison. | Muskingum. | .02 | | .52 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | 2.91 | | | |
| Frankfort. | Seloto. | .45 | | .75 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.45 | | | |
| Garnettsville. | Mahoning. | .02 | T. | .25 | .73 | | | | | | | | | | | | | | | | | | | | | | | | | | 3.34 | | | |
| Granville \|\|. | Muskingum. | .18 | T. | .29 | .28 | | | | | | | | | | | | | | | | | | | | | | | | | | 2.65 | | | |
| Gratiot. | do. | .18 | .18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.64 | | |
| Green. | Ohio. | .42 | .12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.48 | | |
| Green Hill. | Muskingum. | T. | .28 | .43 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | 3.82 | | | |
| Greenville \|\|. | Great Miami. | .51 | .25 | .47 | .16 | | | | | | | | | | | | | | | | | | | | | | | | | | 3.16 | | | |
| Hillsboro. | Seloto. | .02 | | .91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7.58 | | |
| Ironon. | Ohio. | .14 | | 1.40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.37 | | |
| Jacksonburg. | Great Miami. | .74 | .84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.97 | | |
| Kenton. | Seloto. | .55 | .18 | .09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.90 | | |
| Killbuck. | Muskingum. | .10 | .05 | .40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.60 | | |
| Lancaster. | Ohio. | .30 | .48 | .40 | .05 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.78 | | |
| McConnelsville. | Muskingum. | T. | .32 | .32 | .12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.07 | | |
| Marietta. | Ohio. | .07 | .31 | .04 | .53 | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.10 | | |
| Marion. | Seloto. | .39 | .36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.55 | | |
| Millfordton. | Muskingum. | .30 | .23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.37 | | |
| Milligan. | do. | .20 | .29 | .10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.44 | | |
| Millport. | Ohio. | T. | .20 | .46 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.02 | | |
| Nelle. | Muskingum. | .10 | .05 | .55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.18 | | |
| New Alexandria. | Ohio. | .04 | 1.00 | .70 | .05 | | | | | | | | | | | | | | | | | | | | | | | | | | 2.85 | | | |
| New Berlin. | Muskingum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.04 | | |
| New Waterford. | Ohio. | .02 | T. | T. | 1.13 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | 2.88 | | |
| Ohio State University. | Seloto. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.89 | |
| Patahala. | Muskingum. | .28 | .44 | .19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.19 | | |
| Peebles \|\|. | Ohio. | .41 | .15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.83 | | |
| Philo (1). | Muskingum. | .17 | .06 | .43 | .88 | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.80 | | |
| Piqua \|\|. | Great Miami. | .38 | .37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.23 | | |
| Plattsburgh. | do. | .52 | T. | .58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.05 | | |
| Portsmouth \|\|. | Ohio. | .27 | .30 | .14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.24 | | |
| Prospect \|\|. | Seloto. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rittman. | Muskingum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shenandoah. | do. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sidney. | Great Miami. | .41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Somerset \|\|. | Muskingum. | .18 | .27 | .40 | .04 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | 2.64 | | |
| Springfield. | Great Miami. | .61 | .31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.30 | | |
| Summerfield. | Ohio. | .10 | .59 | .10 | .63 | | | | | | | | | | | | | | | | | | | | | | | | | | 3.56 | | | |
| Syracuse. | do. | .09 | .39 | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.67 | | |
| Thurman. | do. | .15 | .50 | .40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.83 | | |
| Urbania. | Great Miami. | .52 | T. | .49 | .25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.30 | | |
| Warren. | Mahoning. | T. | .51 | .35 | .06 | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.29 | | |
| Waverly \|\|. | do. | .35 | .37 | 1.65 | .02 | | | | | | | | | | | | | | | | | | | | | | | | | | 3.71 | | | |
| Waynesville. | Great Miami. | .01 | .54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.78 | | |
| Wooster. | Muskingum. | T. | .06 | .90 | .30 | T. | | | | | | | | | | | | | | | | | | | | | | | | | 4.29 | | | |
| Youngstown \|\|. | Mahoning. | .30 | .14 | .02 | .78 | T. | | | | | | | | | | | | | | | | | | | | | | | | | 2.80 | | | |
| Zanesville \|\|. | Muskingum. | .95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 2.—*Daily precipitation for June, 1911. District No. 3—Continued.*

| Stations. | Watershed. | Day of month. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------|---------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | Total | |
| <i>Alabama.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bridgeport \|\| | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.57 |
| Decatur \|\| | do | .06 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.19 | |
| Florence \|\| | do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.15 | |
| Guntersville \|\| | do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.44 | |
| Madison | do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.65 | |
| Riverton \|\| | do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.97 | |
| Scottsboro \|\| | do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.53 | |
| Tuscumbia \|\| | do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.93 | |
| <i>Tennessee.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ashwood | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.25 | |
| Benton | do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.28 | |
| Bird's Bridge \|\| | do | .16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.96 | |
| Bluff City \|\| | do | .20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.32 | |
| Byrdstown | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.03 | |
| Carthage \|\| | do | .01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.40 | |
| Cedar Hill | do | .40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.80 | |
| Celina \|\| | do | .92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.43 | |
| Center Point | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Charleston \|\| | do | .21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.52 | |
| Chattanooga | do | .09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.16 | |
| Clarksville | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.59 | |
| Clinton \|\| | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.20 | |
| Dandridge \|\| | do | .08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.92 | |
| Decatur | do | .50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.53 | |
| Dickson | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.37 | |
| Dover | do | .48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.95 | |
| Dunlap | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.03 | |
| Elizabethhton \|\| | do | .20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.50 | |
| Erasmus | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7.21 | |
| Florence | do | .17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.49 | |
| Franklin | do | 1.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8.20 | |
| Hall's Hill \|\| | do | 1.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.75 | |
| Harriman | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.93 | |
| Hohenwald | do | .24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.49 | |
| Iron City | do | .45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.95 | |
| Jefferson City | do | .47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.13 | |
| Johnson City \|\| | do | .08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.59 | |
| Johnsonville | do | .55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.13 | |
| Kingston \|\| | do | .42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.36 | |
| Knoxville | do | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.72 | |
| Lebanon | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.98 | |
| Lewisburg | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.40 | |
| Loudon \|\| | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.00 | |
| Lynnhurst | do | .99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.74 | |
| McGhee \|\| | do | .17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.20 | |
| McMinnville | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.53 | |
| Maryville | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.10 | |
| Mountain City | do | .95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.62 | |
| Nashville | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.58 | |
| Newport \|\| | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.45 | |
| New River \|\| | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.64 | |
| Palmetto | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.18 | |
| Pinewood | do | .72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.35 | |
| Pope | do | .78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.63 | |
| Rogersville \|\| | do | .85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.33 | |
| Rugby | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6.66 | |
| Savannah | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2.10 | |
| Sevierville | do | .66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.50 | |
| Sewanee | do | .53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.33 | |
| Sparta | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.10 | |
| Springdale | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Springville | do | .08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.66 | |
| Tazewell \|\| | do | .77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.91 | |
| Tullahoma | do | .85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.59 | |
| Wallin \|\| | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.64 | |
| Waynesboro | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.24 | |
| Wildersville | do | .64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.59 | |
| Worsham \|\| | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.79 | |
| Yukon | Tennessee. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.84 | |
| <i>Kentucky.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alpha | Cumberland | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.01 | |
| Anchorage | Ohio | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4.45 | |
| Bardstown \|\| | do | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.66 | |
| Beattyville \|\| | Kentucky. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5.24 | |
| Beaver Dam \|\| | Green | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.81 | |
| Berea | Kentucky | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3.53 | |
| Bowling Green \|\| | Green</td | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 2.—*Daily precipitation for June, 1911. District No. 3—Continued.*

- Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.
T. Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures at selected stations for June, 1911. District No. 3, Ohio Valley.*

| Date. | Pennsylvania. | | | | West Virginia. | | | | | | | | | | Ohio. | | | | | | | | | | | | | |
|-------|---------------|------|------------|------|----------------|------|-------------|------|------------------|------|---------------|------|------------------|------|---------------|------|--------------|------|-----------|------|---------|------|-------------|------|-----------|------|---------|------|
| | Greenville. | | Pittsburg. | | Charleston. | | Elkhorn. | | Elkins. | | Glenville. | | Huntington. | | Morgan- town. | | Parkersburg. | | Wheeling. | | Canton. | | Cincinnati. | | Columbus. | | Dayton. | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| 1. | 70 | 53 | 71 | 55 | 76 | 58 | 75 | 59 | 71 | 53 | 77 | 59 | 85 | 49 | 71 | 56 | 75 | 61 | 82 | 57 | 77 | 55 | 79 | 57 | 70 | 52 | 79 | 50 |
| 2. | 84 | 50 | 82 | 58 | 83 | 56 | 85 | 47 | 81 | 47 | 87 | 52 | 80 | 58 | 82 | 52 | 84 | 58 | 90 | 53 | 84 | 56 | 84 | 59 | 86 | 53 | 86 | 53 |
| 3. | 77 | 61 | 76 | 65 | 83 | 62 | 86 | 55 | 79 | 54 | 80 | 57 | 75 | 60 | 78 | 61 | 75 | 64 | 81 | 59 | 78 | 64 | 81 | 63 | 79 | 62 | 76 | 60 |
| 4. | 79 | 53 | 80 | 61 | 92 | 63 | 93 | 59 | 84 | 53 | 93 | 58 | 93 | 62 | 81 | 58 | 88 | 62 | 87 | 60 | 79 | 60 | 95 | 66 | 90 | 64 | 94 | 62 |
| 5. | 81 | 58 | 82 | 61 | 91 | 67 | 90 | 55 | 83 | 63 | 93 | 54 | 85 | 68 | 82 | 69 | 86 | 67 | 90 | 62 | 86 | 61 | 89 | 69 | 88 | 62 | 93 | 69 |
| 6. | 81 | 59 | 79 | 62 | 86 | 65 | 84 | 57 | 81 | 62 | 87 | 55 | 84 | 68 | 81 | 65 | 82 | 68 | 88 | 58 | 84 | 63 | 86 | 64 | 86 | 65 | 88 | 61 |
| 7. | 75 | 59 | 77 | 63 | 85 | 67 | 88 | 56 | 81 | 61 | 86 | 64 | 83 | 60 | 78 | 62 | 80 | 65 | 87 | 60 | 76 | 62 | 84 | 65 | 85 | 65 | 80 | 55 |
| 8. | 79 | 56 | 73 | 63 | 83 | 62 | 85 | 55 | 73 | 56 | 84 | 60 | 88 | 61 | 74 | 60 | 81 | 63 | 80 | 62 | 81 | 62 | 80 | 59 | 77 | 60 | 80 | 55 |
| 9. | 83 | 52 | 81 | 59 | 86 | 62 | 87 | 54 | 81 | 50 | 89 | 56 | 95 | 63 | 81 | 54 | 84 | 62 | 86 | 58 | 86 | 59 | 85 | 68 | 82 | 57 | 89 | 57 |
| 10. | 95 | 60 | 94 | 67 | 92 | 66 | 90 | 56 | 88 | 53 | 97 | 59 | 97 | 69 | 90 | 51 | 96 | 65 | 96 | 60 | 97 | 66 | 95 | 70 | 98 | 67 | 100 | 67 |
| 11. | 96 | 66 | 93 | 65 | 97 | 69 | 94 | 60 | 98 | 65 | 99 | 65 | 85 | 68 | 94 | 71 | 97 | 75 | 95 | 67 | 93 | 72 | 92 | 74 | 94 | 72 | 96 | 74 |
| 12. | 79 | 62 | 81 | 63 | 96 | 71 | 89 | 65 | 83 | 57 | 96 | 66 | 79 | 65 | 91 | 60 | 84 | 70 | 83 | 65 | 78 | 67 | 86 | 78 | 86 | 70 | 89 | 70 |
| 13. | 72 | 55 | 69 | 62 | 85 | 62 | 88 | 52 | 71 | 54 | 86 | 57 | 75 | 56 | 75 | 60 | 76 | 66 | 74 | 58 | 70 | 53 | 77 | 64 | 70 | 61 | 74 | 62 |
| 14. | 73 | 55 | 69 | 58 | 78 | 58 | 74 | 49 | 67 | 52 | 77 | 54 | 78 | 59 | 70 | 57 | 75 | 59 | 75 | 56 | 78 | 57 | 72 | 55 | 78 | 47 | 72 | 53 |
| 15. | 76 | 47 | 74 | 55 | 77 | 60 | 75 | 53 | 73 | 51 | 75 | 55 | 76 | 51 | 76 | 51 | 81 | 51 | 78 | 53 | 79 | 57 | 80 | 53 | 83 | 49 | 73 | 57 |
| 16. | 78 | 47 | 74 | 58 | 78 | 57 | 77 | 45 | 72 | 52 | 82 | 52 | 81 | 60 | 77 | 57 | 79 | 61 | 81 | 55 | 78 | 58 | 76 | 56 | 72 | 60 | 69 | 55 |
| 17. | 68 | 48 | 68 | 60 | 80 | 62 | 74 | 55 | 73 | 53 | 79 | 59 | 78 | 64 | 71 | 57 | 75 | 60 | 84 | 58 | 69 | 60 | 80 | 59 | 68 | 58 | 62 | 58 |
| 18. | 80 | 49 | 78 | 58 | 79 | 66 | 75 | 60 | 74 | 60 | 79 | 66 | 78 | 65 | 77 | 66 | 79 | 64 | 83 | 68 | 80 | 57 | 77 | 67 | 78 | 62 | 80 | 56 |
| 19. | 85 | 48 | 82 | 56 | 80 | 65 | 78 | 64 | 79 | 64 | 84 | 60 | 88 | 63 | 81 | 65 | 82 | 60 | 88 | 58 | 82 | 60 | 84 | 66 | 83 | 62 | 87 | 56 |
| 20. | 85 | 51 | 84 | 59 | 87 | 64 | 83 | 64 | 82 | 57 | 89 | 64 | 86 | 62 | 83 | 55 | 87 | 62 | 91 | 58 | 88 | 59 | 90 | 64 | 88 | 63 | 93 | 57 |
| Mns. | 81.5 | 55.7 | 80.2 | 61.7 | 85.9 | 63.5 | 84.6 | 56.8 | 80.0 | 55.9 | 87.2 | 58.7 | 84.6 | 62.5 | 81.1 | 60.1 | 83.3 | 64.3 | 85.4 | 59.6 | 82.6 | 60.9 | 84.9 | 64.9 | 82.9 | 62.8 | 85.6 | 60.2 |
| Date. | Ohio. | | | | Virginia. | | | | | | | | | | Tennessee. | | | | | | | | | | | | | |
| | Marion. | | Waverly. | | Big Stone Gap. | | Wytheville. | | Asheville, N. C. | | Decatur, Ala. | | Beattyville, Ky. | | | | | | | | | | | | | | | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| 1. | 79 | 48 | 78 | 57 | 77 | 73 | 75 | 56 | 70 | 58 | 90 | 67 | 86 | 70 | 86 | 61 | 83 | 63 | 84 | 67 | 85 | 65 | 85 | 62 | 88 | 63 | 90 | 61 |
| 2. | 83 | 55 | 87 | 52 | 88 | 50 | 81 | 48 | 81 | 51 | 93 | 59 | 89 | 66 | 92 | 50 | 87 | 58 | 91 | 60 | 90 | 53 | 91 | 52 | 87 | 58 | 92 | 47 |
| 3. | 83 | 62 | 74 | 53 | 83 | 57 | 86 | 56 | 88 | 57 | 95 | 63 | 94 | 64 | 92 | 61 | 92 | 62 | 96 | 62 | 97 | 59 | 96 | 57 | 93 | 52 | 92 | 47 |
| 4. | 86 | 65 | 95 | 65 | 92 | 67 | 90 | 51 | 88 | 59 | 100 | 68 | 97 | 69 | 100 | 61 | 96 | 65 | 99 | 69 | 99 | 64 | 100 | 61 | 97 | 56 | 97 | 56 |
| 5. | 88 | 62 | 89 | 62 | 80 | 63 | 73 | 63 | 72 | 62 | 95 | 69 | 87 | 69 | 80 | 68 | 78 | 69 | 94 | 69 | 92 | 70 | 93 | 66 | 94 | 64 | 92 | 62 |
| 6. | 88 | 62 | 86 | 50 | 82 | 58 | 85 | 59 | 70 | 57 | 89 | 63 | 85 | 67 | 90 | 62 | 85 | 65 | 87 | 66 | 85 | 65 | 88 | 64 | 89 | 65 | 89 | 59 |
| 7. | 79 | 62 | 78 | 57 | 84 | 60 | 81 | 60 | 82 | 59 | 90 | 68 | 89 | 68 | 92 | 62 | 88 | 64 | 88 | 69 | 90 | 62 | 89 | 65 | 91 | 61 | 86 | 58 |
| 8. | 78 | 58 | 82 | 51 | 80 | 60 | 75 | 60 | 75 | 56 | 89 | 67 | 89 | 69 | 95 | 60 | 85 | 66 | 87 | 67 | 87 | 66 | 92 | 61 | 88 | 61 | 86 | 58 |
| 9. | 88 | 58 | 85 | 58 | 83 | 56 | 79 | 59 | 81 | 61 | 93 | 62 | 90 | 66 | 90 | 60 | 88 | 65 | 92 | 61 | 92 | 56 | 91 | 55 | 91 | 55 | 88 | 55 |
| 10. | 100 | 64 | 95 | 62 | 89 | 59 | 89 | 58 | 88 | 58 | 96 | 65 | 94 | 67 | 92 | 61 | 92 | 65 | 96 | 67 | 97 | 62 | 99 | 61 | 95 | 59 | 99 | 60 |
| 11. | 94 | 67 | 95 | 66 | 91 | 60 | 92 | 63 | 99 | 69 | 70 | 67 | 96 | 70 | 99 | 67 | 96 | 72 | 100 | 72 | 99 | 64 | 101 | 68 | 97 | 63 | 97 | 63 |
| 12. | 78 | 60 | 83 | 63 | 86 | 62 | 84 | 64 | 87 | 63 | 94 | 72 | 91 | 71 | 91 | 69 | 90 | 71 | 88 | 68 | 91 | 67 | 95 | 65 | 82 | 64 | 84 | 58 |
| 13. | 78 | 58 | 78 | 66 | 77 | 56 | 72 | 56 | 73 | 57 | 87 | 62 | 82 | 63 | 78 | 62 | 79 | 62 | 81 | 65 | 89 | 68 | 82 | 62 | 85 | 55 | 85 | 58 |
| 14. | 72 | 49 | 78 | 59 | 77 | 52 | 72 | 52 | 71 | 51 | 71 | 59 | 55 | 60 | 83 | 57 | 83 | 60 | 84 | 62 | 90 | 55 | 84 | 54 | 83 | 46 | 83 | 54 |
| 15. | 83 | 49 | 81 | 50 | 77 | 54 | 73 | 50 | 79 | 53 | 92 | 63 | 89 | 62 | 83 | 56 | 84 | 59 | 89 | 62 | 91 | 61 | 90 | 54 | 93 | 55 | 82 | 54 |
| 16. | 74 | 57 | 70 | 54 | 76 | 56 | 77 | 45 | 84 | 50 | 89 | 62 | 96 | 65 | 85 | 51 | 92 | 59 | 97 | 64 | 100 | 63 | 97 | 56 | 101 | 62 | 87 | 49 |
| 17. | 72 | 58 | 82 | 56 | 83 | 47 | 71 | 57 | 73 | 63 | 92 | 68 | 87 | 68 | 85 | 64 | 92 | 66 | 98 | 74 | 95 | 72 | 85 | 52 | 86 | 52 | 86 | 52 |
| 18. | 82 | 56 | 77 | 62 | 81 | 68 | 84 | 60 | 84 | 60 | 96 | 70 | 90 | 65 | 91 | 62 | 89 | 68 | 93 | 74 | 97 | 68 | 98 | 67 | 86 | 62 | 86 | 52 |
| 19. | 89 | 58 | 82 | 56 | 79 | 64 | 74 | 63 | 80 | 64 | 89 | 68 | 86 | 68 | 88 | 66 | 84 | 67 | 84 | 69 | 90 | 70 | 88 | 65 | 88 | 65 | 86 | 55 |
| 20. | 91 | 56 | 87 | 54 | 82 | 63 | 83 | 60 | 82 | 61 | 90 | 69 | 87 | 68 | 88 | 66 | 86 | 71 | 89 | 70 | 88 | 68 | 86 | 65 | 87 | 67 | 89 | 58 |
| 21. | 91 | 55 | 83 | 58 | 85 | 67 | 86 | 56 | 85 | 62 | 92 | 71 | 87 | 72 | 87 | 72 | 89 | 66 | 90 | 68 | 92 | 64 | 91 | 62 | 82 | 62 | 91 | 58 |
| 22. | 97 | 55 | 87 | 55 | 88 | 58 | 89 | 55 | 88 | 63 | 90 | 72 | 88 | 70 | 88 | 67 | 88 | 69 | 93 | 73 | 91 | 66 | 88 | 72 | 93 | 64 | 84 | 56 |
| 23. | 98 | 62 | 91 | 57 | 81 | 64 | 87 | 64 | 84 | | | | | | | | | | | | | | | | | | | |

TABLE 3.—*Maximum and minimum temperatures at selected stations for June, 1911. District No. 3—Continued.*

| Date. | Kentucky. | | | | | | | | | | | | Indiana. | | | | | | | | | | | | Philo, Ill. | | | | |
|--------|----------------|------|--------------|------|-------------|------|------------|------|-------------|------|------------|------|---------------|------|--------------|------|-------------|------|---------------|------|---------|------|------------|------|--------------|------|------|------|--|
| | Bowling Green. | | Earling-ton. | | Greensburg. | | Lexington. | | Louisville. | | Maysville. | | Williamsburg. | | Butlerville. | | Evansville. | | Indianapolis. | | Kokomo. | | Rockville. | | Worthington. | | | | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | | |
| 1.... | 86 | 65 | 88 | 63 | 80 | 62 | 74 | 58 | 80 | 60 | 83 | 58 | 83 | 62 | 79 | 50 | 78 | 64 | 79 | 54 | 77 | 48 | 78 | 51 | 82 | 53 | 81 | 48 | |
| 2.... | 95 | 53 | 95 | 52 | 94 | 49 | 82 | 60 | 87 | 60 | 88 | 52 | 90 | 48 | 83 | 53 | 81 | 61 | 78 | 53 | 78 | 57 | 81 | 55 | 81 | 53 | | | |
| 3.... | 100 | 58 | 102 | 62 | 94 | 59 | 83 | 64 | 89 | 66 | 80 | 58 | 92 | 56 | 81 | 61 | 97 | 67 | 83 | 58 | 86 | 66 | 88 | 62 | 95 | 64 | | | |
| 4.... | 102 | 63 | 106 | 64 | 98 | 59 | 96 | 64 | 100 | 68 | 100 | 60 | 100 | 65 | 94 | 64 | 99 | 74 | 94 | 67 | 91 | 64 | 96 | 69 | 98 | 66 | 94 | 67 | |
| 5.... | 95 | 71 | 90 | 73 | 91 | 65 | 85 | 62 | 90 | 67 | 91 | 66 | 79 | 69 | 93 | 62 | 96 | 66 | 93 | 70 | 90 | 67 | 93 | 66 | 97 | 70 | 95 | 67 | |
| 6.... | 93 | 63 | 91 | 66 | 85 | 60 | 85 | 62 | 86 | 66 | 89 | 58 | 88 | 61 | 87 | 61 | 85 | 67 | 89 | 66 | 84 | 65 | 85 | 64 | 85 | 64 | 86 | 64 | |
| 7.... | 93 | 65 | 92 | 66 | 88 | 62 | 84 | 65 | 88 | 70 | 90 | 60 | 88 | 62 | 85 | 62 | 86 | 70 | 83 | 65 | 81 | 59 | 83 | 63 | 85 | 62 | 84 | 61 | |
| 8.... | 99 | 62 | 90 | 61 | 84 | 57 | 80 | 57 | 82 | 64 | 86 | 56 | 85 | 60 | 79 | 57 | 83 | 66 | 79 | 60 | 80 | 53 | 82 | 60 | 86 | 53 | | | |
| 9.... | 92 | 59 | 95 | 59 | 89 | 54 | 84 | 63 | 92 | 65 | 91 | 58 | 90 | 54 | 90 | 58 | 93 | 66 | 90 | 63 | 96 | 59 | 90 | 62 | 92 | 60 | 94 | 61 | |
| 10.... | 100 | 62 | 102 | 62 | 97 | 58 | 95 | 70 | 100 | 69 | 101 | 61 | 97 | 58 | 94 | 64 | 97 | 73 | 96 | 71 | 99 | 70 | 95 | 68 | 98 | 65 | 96 | 56 | |
| 11.... | 99 | 67 | 96 | 72 | 98 | 63 | 94 | 73 | 95 | 76 | 100 | 54 | 97 | 62 | 89 | 71 | 92 | 75 | 89 | 66 | 87 | 67 | 87 | 70 | 92 | 70 | 87 | 69 | |
| 12.... | 99 | 66 | 85 | 65 | 86 | 61 | 81 | 65 | 82 | 69 | 88 | 66 | 89 | 70 | 81 | 61 | 81 | 67 | 75 | 66 | 87 | 55 | 88 | 65 | 85 | 60 | 75 | 57 | |
| 13.... | 86 | 63 | 86 | 59 | 83 | 55 | 78 | 62 | 81 | 64 | 80 | 61 | 79 | 58 | 82 | 58 | 85 | 63 | 78 | 61 | 78 | 58 | 78 | 60 | 82 | 63 | 81 | 56 | |
| 14.... | 85 | 57 | 81 | 57 | 83 | 53 | 78 | 56 | 82 | 62 | 84 | 48 | 83 | 50 | 81 | 49 | 81 | 64 | 76 | 58 | 67 | 51 | 79 | 56 | 84 | 54 | 82 | 51 | |
| 15.... | 91 | 55 | 91 | 56 | 86 | 49 | 77 | 53 | 81 | 58 | 82 | 52 | 82 | 54 | 80 | 50 | 88 | 62 | 90 | 54 | 78 | 41 | 81 | 51 | 83 | 50 | 86 | 47 | |
| 16.... | 99 | 56 | 99 | 60 | 91 | 49 | 81 | 59 | 87 | 65 | 81 | 52 | 91 | 50 | 77 | 53 | 95 | 67 | 72 | 62 | 73 | 57 | 81 | 64 | 83 | 65 | 86 | 66 | |
| 17.... | 98 | 64 | 102 | 70 | 90 | 55 | 87 | 65 | 94 | 68 | 92 | 55 | 89 | 58 | 90 | 62 | 94 | 70 | 85 | 63 | 80 | 59 | 86 | 64 | 90 | 70 | 91 | 64 | |
| 18.... | 94 | 66 | 92 | 66 | 85 | 62 | 76 | 66 | 81 | 69 | 82 | 64 | 86 | 62 | 77 | 64 | 84 | 67 | 76 | 65 | 78 | 61 | 76 | 65 | 85 | 68 | 79 | 66 | |
| 19.... | 83 | 65 | 84 | 68 | 97 | 62 | 78 | 64 | 82 | 69 | 85 | 63 | 84 | 63 | 84 | 64 | 82 | 67 | 85 | 61 | 86 | 54 | 82 | 64 | 82 | 63 | 88 | 59 | |
| 20.... | 89 | 63 | 92 | 62 | 85 | 60 | 85 | 63 | 90 | 63 | 92 | 55 | 87 | 65 | 90 | 55 | 88 | 66 | 91 | 66 | 89 | 56 | 89 | 62 | 88 | 59 | 93 | 55 | |
| 21.... | 94 | 61 | 95 | 60 | 89 | 59 | 87 | 68 | 93 | 68 | 94 | 59 | 91 | 57 | 92 | 61 | 93 | 68 | 93 | 59 | 91 | 66 | 91 | 65 | 94 | 61 | | | |
| 22.... | 96 | 64 | 94 | 67 | 90 | 59 | 92 | 66 | 96 | 69 | 95 | 50 | 92 | 59 | 94 | 62 | 92 | 73 | 94 | 69 | 96 | 55 | 91 | 64 | 91 | 65 | 97 | 62 | |
| 23.... | 94 | 69 | 92 | 70 | 87 | 63 | 87 | 66 | 89 | 70 | 96 | 57 | 91 | 65 | 90 | 63 | 86 | 71 | 89 | 71 | 94 | 62 | 88 | 66 | 86 | 68 | 92 | 64 | |
| 24.... | 87 | 67 | 92 | 70 | 84 | 67 | 79 | 68 | 82 | 71 | 86 | 65 | 87 | 69 | 83 | 68 | 81 | 70 | 82 | 84 | 69 | 80 | 70 | 81 | 70 | 82 | 68 | | |
| 25.... | 85 | 67 | 85 | 68 | 90 | 67 | 80 | 67 | 79 | 71 | 87 | 63 | 82 | 69 | 85 | 72 | 86 | 72 | 84 | 71 | 84 | 69 | 83 | 70 | 84 | 71 | 85 | 68 | |
| 26.... | 91 | 66 | 93 | 71 | 89 | 67 | 87 | 66 | 88 | 73 | 92 | 70 | 91 | 67 | 88 | 67 | 88 | 71 | 82 | 70 | 85 | 71 | 80 | 71 | 84 | 74 | | | |
| 27.... | 92 | 71 | 90 | 68 | 87 | 69 | 84 | 68 | 86 | 73 | 88 | 68 | 92 | 67 | 84 | 69 | 87 | 72 | 84 | 69 | 88 | 71 | 82 | 70 | 84 | 69 | | | |
| 28.... | 93 | 68 | 95 | 67 | 87 | 65 | 82 | 69 | 88 | 70 | 87 | 68 | 89 | 66 | 87 | 69 | 88 | 71 | 81 | 62 | 76 | 55 | 80 | 58 | 83 | 61 | 82 | 55 | |
| 29.... | 94 | 62 | 98 | 63 | 86 | 57 | 83 | 63 | 87 | 65 | 88 | 57 | 89 | 59 | 89 | 57 | 88 | 60 | 88 | 59 | 85 | 53 | 85 | 58 | 88 | 57 | | | |
| 30.... | 93 | 61 | 99 | 60 | 87 | 57 | 83 | 64 | 88 | 68 | 90 | 57 | 88 | 57 | 90 | 59 | 90 | 68 | 91 | 66 | 90 | 60 | 90 | 65 | 88 | 62 | 93 | 60 | |
| Mns.. | 92.9 | 63.3 | 93.4 | 64.5 | 88.3 | 59.5 | 88.7 | 63.9 | 87.7 | 67.2 | 88.9 | 59.3 | 88.4 | 60.7 | 85.9 | 60.6 | 88.4 | 68.6 | 84.6 | 64.4 | 84.4 | 59.3 | 84.8 | 63.2 | 86.4 | 63.3 | 87.4 | 61.0 | |

^a, ^b, ^c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.^b Data are from standard instruments not supplied by the U. S. Weather Bureau.^c Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.